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ABSTRACT

An update to the Texas 1202 Commission March 1978 report on postsecondary educational supply and occupational demand is presented. The source of data was survey results from 31 public senior colleges, 20 private senior colleges, 55 public junior colleges, and Texas State Technical Institute. This report focuses on specific jobs and specific degrees. For each program area, information is presented on the market ready supply expected in 1980: the total expected job openings in Texas; the percent of job openings expected in 1980 in directly related occupations, closely related occupations, and generally related occupations. Information about short-term employment opportunities by program area for baccalaureate level and professional or graduate level graduates is included. Related occupations for each program area are also listed. Separate sections are provided for senior college programs and vocational education programs in Texas. (SW)

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INFORMATION IN THIS REPORT IS VALID UNTIL MARCH 31, 1981

This report was prepared by:

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SUPPLEMENT TO

POSTSECONDARY EDUCATIONAL SUPPLY AND OCCUPATIONAL DEMAND IN TEXAS FOR THE PERIOD OF 1977-1983

PURPOSE: The data contained in this supplement represent an enhancement of the State 1202 Commission March 1978 Report entitled **Postsecondary Educational Supply and Occupational Demand in Texas, 1977-1983**. The purpose of this report update is to provide students, counselors, faculty and administrators with the most current manpower data available. When used in conjunction with the March 1978 Report, this updated supply-demand information is valid until March 31, 1981. Prior to that date the State 1202 Commission plans to publish a completely revised report which will include the secondary sector and Texas educational supply-demand conditions to 1985.

EXPLANATION OF TABLES: This supplemental report consists of two sets of tables: TABLE 1 Senior College and University Programs and TABLE 2 Vocational Education Programs. Both tables contain statewide consolidated information and relate to corresponding statewide tables in the March 1978 Report. No supplemental regional information is provided. The format for both tables is similar:

Program area title and identifying code are located in the upper left box.

Information is provided for two educational levels: baccalaureate and professional/graduate (master's and doctorate) for senior college programs; less than two years of study and two or three years of study for vocational programs.

Short term employment opportunities are shown for each level (when appropriate) using the following ratings:

EXCELLENT - Demand is much greater than supply.

VERY GOOD - Demand is greater than supply.

GOOD - Demand and supply are approximately equal.

COMPETITIVE - Demand is less than supply.

KEENLY COMPETITIVE - Demand is much less than supply.

Expected changes through 1983 from the conditions shown for short term employment opportunities for each level (as appropriate) are indicated as follows:

IMPROVE
ABOUT THE SAME
DECLINE

The printed ratings in the tables for short term employment opportunities and the expected change in conditions represent the most current information. When this current information differs from that which was published in the March 1978 Report, an asterisk appears and the former rating is indicated by a letter in parenthesis. Example: GOOD (C)* means that current job outlook is **good**, a change from the March 1978 Report which was **competitive**.

Statistical job openings information and occupational listings are provided for the different program-occupation relationships as follows:

DIRECTLY RELATED - This is the highest level of relationship between occupation and program. The primary purpose of the program is to provide all of the skills required by the occupation.

CLOSELY RELATED - This program provides training that is closely related to the requirements of the listed occupations, even though the primary purpose may not be directly associated with the occupation.

GENERALLY RELATED - Many postsecondary educational programs provide students with skills which meet general requirements in a large number of occupations, but the program is not designed to meet the specific needs of these occupations.

The expected number of openings in 1980 for occupations relating to the program area are shown for baccalaureate and for professional/graduate levels (as appropriate) for senior college programs. Available data did not permit this separation of openings by levels for vocational programs. Thus, the number of openings shown represents the total for both levels.

Total supply expected for 1980 refers to the number of program graduates or qualified completers expected to be entering the job market. This is the "market ready" supply as described in the March 1978 Report, i.e., it excludes graduates and completers who are not expected to enter the job market for one of the following reasons: held the same job prior to completing the course of study, will continue education on a fulltime basis, or not seeking employment for some other reason.

Comments are provided as appropriate to highlight changes from the March 1978 Report, to explain apparent inconsistencies between descriptive ratings and statistical data, to expand on occupational information, or to call attention to specific relationships between the program and the job market.

SOURCE DATA AND METHODOLOGY: Information contained in the current update has been derived from both the results of a statewide survey and the tabulations of a supply-demand computer program. Comparison of the two data sources indicated that there was a high level of correspondence between the survey results and the program output.

The survey was distributed to all public and private senior institutions and public junior colleges, as well as, to schools of medicine and allied health. Responses were received from 31 public senior colleges (97% response rate), 20 private senior colleges (56% response rate), 55 public junior colleges and Texas State Technical Institute (87% response rate). In the past, placement office representatives have served as our primary contacts at each institution. Due to increased interest expressed by the academic sector, questionnaires were distributed to the academic deans and departmental chairpersons, and to the vocational/technical deans and directors.

Institutional representatives were queried to determine the current and long term employment outlook for each baccalaureate and graduate degree or vocational/technical program. In addition, respondents were asked to tier occupations as either unknown, not related, or as directly, closely or generally related to the degree or vocational program area being considered.

The results of this survey were tallied, and the responses concerning the employment outlook were analyzed using a straight and weighted average. The methodology employed for computation of weighted averages divided the institutional responses into quartiles based on the number of degrees awarded in each undergraduate and graduate degree program or vocational/technical area. An institution's response in each program area was assigned a quartile ranking between one and four. The institution's response was then multiplied by this ranking. For instance, if an institution awarded a number of degrees sufficient to place it in the fourth quartile, then that institution's response was tallied four times. The theory behind this approach was that an institution which awarded, for instance, 100 degrees or certificates in a particular area generally had a better feel for the market conditions than an institution that was concerned with placement of perhaps only five students.

The number of job openings available for each postsecondary program was determined by a computerized procedure. This procedure compared the expected supply for each program with the expected number of job openings (demand) for occupations related to the program area. This was basically the same methodology described in the March 1978 Report.

The expected supply to the labor market was obtained by projecting program outputs and using the most recent student follow-up information to determine the portion of this total output expected to enter the job market. Expected openings by occupations were based on data provided by the Texas Employment Commission.

The computer program performed a curriculum area to occupation match which assigned openings on a pro-rata basis. Directly related occupations were assigned on a first priority, closely related occupations second, and generally related occupations third. The statistical output from this procedure gave the number of job openings for each program area at each level of occupation to program relationship (direct, close, general). In those cases where the numbers produced were less than 15, comparisons were not meaningful. Therefore, no supply and demand figures were shown in these cases.

The ratio between the number of openings (Demand) for workers trained in a curriculum area and the number of market ready graduates or completers (Supply) in that area is determined by the following formula:

$$\text{Ratio:} \frac{D - S}{S}$$

This ratio is related to the descriptive ratings for short term employment opportunities as follows:

When $\frac{D - S}{S}$ is:	Short term employment opportunity rating is:
+ .40 or greater	EXCELLENT
+ .16 to + .39	VERY GOOD
+ .15 to - .15	GOOD
- .16 to - .39	COMPETITIVE
- .40 or below	KEENLY COMPETITIVE

For further detail concerning the program methodology, questions can be directed to the Director of Postsecondary Educational Planning, Coordinating Board, Texas College and University System, P.O. Box 12788, Capitol Station, Austin, Texas 78711.

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SUMMARY DATA OF JOB OPPORTUNITIES FOR BACCALAUREATE AND GRADUATE DEGREE PROGRAMS

Short Term Job Opportunity	Number of Programs by Degree Level			
	Baccalaureate		Graduate	
Excellent	5	(4)	6	(5)
Very Good	11	(11)	12	(10)
Good	26	(17)	30	(26)
Competitive	27	(36)	17	(23)
Keenly Competitive	2	(2)	0	(0)
TOTAL PROGRAMS	71	(70)	65	(64)

Numbers in parenthesis indicate the number of programs which appeared in each category in the March 1978 Report. A baccalaureate rating for Advertising and a graduate rating for Chiropractic Medicine which did not appear in the March 1978 Report were included in this document.

SUMMARY OF OCCUPATIONAL OPENINGS AND MARKET-READY SUPPLY BY DEGREE LEVEL FOR TEXAS, 1980

	Baccalaureate	Graduate
Occupational Openings (Demand) (1)	36,480 - 44,050	11,255 - 13,615
* Market-Ready Degrees (Supply)	40,300	11,970
* Ratio: $\frac{\text{Demand-Supply}}{\text{Supply}}$	-.095 to +.093	-.060 to +.137
Ratings Derived from Ratio:	GOOD	GOOD

* See Page 3 for relation between numerical ratios and descriptive ratings.

Notes to Table I

(1) The expected occupational openings for Texas are expressed as a range. The low end of this range includes a factor for net in-migration. This means that if historical patterns of job seekers migrating to Texas continue, the number of jobs available to graduates of Texas institutions could reach the lower range. The high range represents the total expected openings available to all job seekers.

(2) Many postsecondary educational programs provide students with skills which meet general requirements in several occupations, but the program is not designed to meet the specific needs of these occupations. Some of the most common of these occupations related to baccalaureate and graduate degree programs are:

056	Personnel and Labor Relations
101	Recreation Workers
192	Public Relations Specialists
245	Other Managers and Administrators
265	Insurance Agents, Brokers
270	Real Estate Agents, Brokers
280	Sales and Sales Workers
311	Clerical Assistants, Social Welfare
312	Clerical Supervisors
313	Collectors, Bill and Account
326	Insurance Adjusters, Examiners, Investigators
330	Library Assistants, Attendants
364	Receptionists
372	Secretaries
382	Teacher Aides
394	Other Clerical Workers
952	School Monitors
954	Welfare Service Aides

(3) This publication focuses on specific jobs and specific degrees. As a result, it is often difficult to correlate liberal arts degrees with specific job openings. This should not be interpreted as advising students not to major in the liberal arts if they wish to do so. Liberal arts majors take jobs in a variety of fields and usually perform well in their chosen careers. Equally important, the emphasis of this report upon fields of employment which often require specialized education and training is in no way intended to indicate that liberal arts courses should be reduced in professional or technical degree programs. Quite the contrary, every college program should contain an appropriate general education component.

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DOCTOR OF DENTAL SURGERY Code: 990400	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates		VERY GOOD
Expected Change in Employment Opportunities through 1983		ABOUT THE SAME
Market Ready Supply Expected 1980		400
Total Expected Job Openings in Texas		480 - 585
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations		96%
In Closely Related Occupations		4%
In Generally Related Occupations		0%

LISTING OF OCCUPATIONS RELATED TO DOCTOR OF DENTAL SURGERY

Code	Directly Related Occupations	Code	Closely Related Occupations
062	Dentists	195	Research Workers
		212	Health Administrators

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DOCTOR OF MEDICINE & Code: 990300 OSTEOPATHIC MEDICINE	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates		VERY GOOD (E)*
Expected Change in Employment Opportunities through 1983		SOME IMPROVEMENT (S)*
Market Ready Supply Expected 1980		1,000
Total Expected Job Openings in Texas		1,295 - 1,615
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations		97%
In Closely Related Occupations		3%
In Generally Related Occupations		0%

LISTING OF OCCUPATIONS RELATED TO DOCTOR OF MEDICINE & OSTEOPATHIC MEDICINE

Code	Directly Related Occupations	Code	Closely Related Occupations
065	Physicians, Medical & Osteopathic	212	Health Administrators
		195	Research Workers

COMMENTS: * Indicates change from previous report: (E) rating in last report was Excellent and (S) rating in last report was About the Same.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CHIROPRACTRY Code: 990300	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates		VERY GOOD
Expected Change in Employment Opportunities through 1983		ABOUT THE SAME
Market Ready Supply Expected 1980 Total Expected Job Openings in Texas		60 70 - 80
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations		96%
In Closely Related Occupations		4%
In Generally Related Occupations		0%

LISTING OF OCCUPATIONS RELATED TO CHIROPRACTRY

Code	Directly Related Occupations	Code	Closely Related Occupations
061	Chiropractors	212	Health Administrators

COMMENTS: This degree did not appear in the March 1978 Report.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: VETERINARY MEDICINE Code: 110000	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates		VERY GOOD (E)*
Expected Change in Employment Opportunities through 1983		ABOUT THE SAME (I)*
Market Ready Supply Expected 1980		125
Total Expected Job Openings in Texas		145 - 170
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations		84%
In Closely Related Occupations		16%
In Generally Related Occupations		0%

LISTING OF OCCUPATIONS RELATED TO VETERINARY MEDICINE

Code	Directly Related Occupations	Code	Closely Related Occupations
072	Veterinarians	042	Agricultural Scientists
		150	Agricultural & Bio. Tech., except Health
		195	Research Workers
		740	Animal Caretakers, except Farm

COMMENTS: * Indicates change from previous report: (E) rating in last report was Excellent and (I) rating in last report was Some Improvement.
No survey response from Texas schools; this information is based on rating from national surveys.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: LAW Code: 080100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates		COMPETITIVE
Expected Change in Employment Opportunities through 1983		SOME IMPROVEMENT (D)*
Market Ready Supply Expected 1980: Total Expected Job Openings in Texas		1,800 1,400 - 1,730
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations		91%
In Closely Related Occupations		9%
In Generally Related Occupations		0%

LISTING OF OCCUPATIONS RELATED TO LAW

Code	Directly Related Occupations	Code	Closely Related Occupations
031	Lawyers	056	Personnel and Labor Relations Workers
		140	College and University Teachers (Grad only)
		321	Estimators and Investigators
		222	Officials & Public Administrators

Comments: * Indicates change from previous report: (D) rating in last report was Some Decline.
Preliminary data from some institutions suggest that job opportunities for lawyers are improving. The upward swing is due to an increase in legal jobs in non-traditional area and concomitant leveling of law school enrollments. However, on a statewide basis, job opportunities are reported as being competitive.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: OPTOMETRY Code: 170100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates		GOOD *
Expected Change in Employment Opportunities through 1983		ABOUT THE SAME
Market Ready Supply Expected 1980		70
Total Expected Job Openings in Texas		85 - 105
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations		81%
In Closely Related Occupations		19%
In Generally Related Occupations		0%

LISTING OF OCCUPATIONS RELATED TO OPTOMETRY

Code	Directly Related Occupations	Code	Closely Related Occupations
063	Optometrists	506	Opticians, Lens Grinders

COMMENTS: *No survey response from Texas schools; rating is based on the March 1978 Report data.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ANTHROPOLOGY Code: 010100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	110	30
Total Expected Job Openings in Texas	45 - 70	10 - 20
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	5%	9%
In Closely Related Occupations	27%	36%
In Generally Related Occupations	68%	55%

LISTING OF OCCUPATIONS RELATED TO ANTHROPOLOGY

Code	Directly Related Occupations
035	Archivists and Curators
096	Anthropologists
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
044	Biological Scientists
094	Sociologists
195	Research Workers
096	Social Scientists

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: Examples of occupations included in Anthropologists are: contract and field archeologists and salvage archeology. Examples of occupations included in Social Scientists are: community organization workers, urban and rural planners and race relations worker.

A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ECONOMICS Code: 010300	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT
Market Ready Supply Expected 1980	255	75
Total Expected Job Openings in Texas	250 - 305	85 - 110
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	1%	7%
In Closely Related Occupations	48%	52%
In Generally Related Occupations	51%	41%

LISTING OF OCCUPATIONS RELATED TO ECONOMICS

Code	Directly Related Occupations
091	Economists
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
034	Actuaries
202	Bank Officers and Financial Managers
210	Credit Managers
225	Purchasing Agents and Buyers
271	Stock and Bond Sales Agents
195	Research Workers
096	Social Scientists
095	Urban and Regional Planners
036	Statisticians

Code	Generally Related Occupations
001	Accountants
141	Adult Education Teachers

(See page 6 for additional occupations)

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: GEOGRAPHY Code: 010500	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980 Total Expected Job Openings in Texas	80 45 - 55	(less than 15)
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	27%	
In Closely Related Occupations	25%	
In Generally Related Occupations	48%	

LISTING OF OCCUPATIONS RELATED TO GEOGRAPHY

Code	Directly Related Occupations
095	Urban and Regional Planners
140	College and University Teachers (Grad only)
162	Cartographer, Remote Sensing

Code	Closely Related Occupations
152	Drafters
195	Research Workers
096	Social Scientists
363	Real Estate Appraisers

Code	Generally Related Occupations
161	Surveyors

(See page 6 for additional occupations)

COMMENTS: Examples of occupations included in Social Scientists are: transportation specialists, environmental scientists, internal area specialists and marketing analysts. A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: GOVERNMENT/POLITICAL SCIENCE Code: 010600	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	540	110
Total Expected Job Openings in Texas	405 - 485	80 - 110
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	6%	14%
In Closely Related Occupations	62%	63%
In Generally Related Occupations	32%	23%

LISTING OF OCCUPATIONS RELATED TO GOVERNMENT/POLITICAL SCIENCE

Code	Directly Related Occupations
092	Political Scientists (Grad only)
096	Social Scientists
222	Officials and Public Administrators

Code	Generally Related Occupations
100	Social Workers
181	Authors

(See page 6 for additional occupations)

Code	Closely Related Occupations
091	Economists
095	Urban and Regional Planners
184	Editors and Reporters
215	Inspectors, exc. Construction, Public Administration
223	Officials of Lodges, Societies, Unions
195	Research Workers

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: HISTORY Code: 010700	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	650	95
Total Expected Job Openings in Texas	325 - 400	70 - 85
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	3%	7%
In Closely Related Occupations	23%	60%
In Generally Related Occupations	74%	33%

LISTING OF OCCUPATIONS RELATING TO HISTORY

Code	Directly Related Occupations
033	Archivists and Curators
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
092	Political Scientists
181	Authors
184	Editors and Reporters
032	Library Attendants and Assistants
195	Research Workers
096	Social Scientists
222	Officials and Public Administrators

Code	Generally Related Occupations
100	Social Workers
141	Adult Education Teachers

(See page 6 for additional occupations)

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE: 1 TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PSYCHOLOGY Code: 011100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	1,315	270
Total Expected Job Openings in Texas	860 - 1,010	180 - 215
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	1%	27%
In Closely Related Occupations	43%	35%
In Generally Related Occupations	56%	38%

LISTING OF OCCUPATIONS RELATED TO PSYCHOLOGY

Code	Directly Related Occupations
076	Therapists
084	Therapy Assistants
093	Psychologists (Grad only)
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
094	Sociologists (Grad only)
100	Social Workers
174	Vocational and Educational Counselors
942	Child Care Workers, exc. Private Household
954	Welfare Service Aides
195	Research Workers
096	Social Scientists
260	Advertising Agents
922	Paramedical Assistants

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests the liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: SOCIOLOGY Code: 011200	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	625	70
Total Expected Job Openings in Texas	440 - 520	60 - 65
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	0%	3%
In Closely Related Occupations	48%	71%
In Generally Related Occupations	52%	26%

LISTING OF OCCUPATIONS RELATED TO SOCIOLOGY

Code	Directly Related Occupations
094	Sociologists (Grad only)
140	College and University Teachers (Grad only)

Code	Generally Related Occupations
174	Vocational and Educational Counselors

(See page 6 for additional occupations)

Code	Closely Related Occupations
090	Religious Workers
095	Urban and Regional Planners
100	Social Workers
320	Enumerators and Interviewers
942	Child Care Workers
154	Welfare Service Aides
195	Research Workers
056	Personnel and Labor Relations Workers
096	Social Scientists
222	Officials and Public Administrators

COMMENTS: Examples of occupations included in Social Scientists and Officials and Public Administrators: probation/parole officers, penologists, demographers, race relations workers, drug abuse workers, and social planners. A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: OTHER SOCIAL SCIENCE/ Code: 019900 OTHER LIBERAL ARTS	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	510	300
Total Expected Job Openings in Texas	315 - 370	185 - 220
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	2%	15%
In Closely Related Occupations	17%	37
In Generally Related Occupations	81%	48%

LISTING OF OCCUPATIONS RELATED TO OTHER SOCIAL SCIENCE/OTHER LIBERAL ARTS

Code	Directly Related Occupations
140	College and University Teachers (Grad only)
096	Social Scientists

Code	Closely Related Occupations
033	Archivists and Curators
092	Political Scientists
094	Sociologists (Grad only)
095	Urban and Regional Planners
195	Research Workers
222	Officials and Public Administrators

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ENGLISH Code: 010400	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	630	160
Total Expected Job Openings in Texas	415 - 490	115 - 140
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	9%	27%
In Closely Related Occupations	39%	41%
In Generally Related Occupations	52%	32%

LISTING OF OCCUPATIONS RELATED TO ENGLISH

Code	Directly Related Occupations
362	Proofreaders
140	College and University Teachers (Grad only)
181	Authors
184	Editors and Reporters

Code	Generally Related Occupations
100	Social Workers

(See page 6 for additional occupations)

Code	Closely Related Occupations
141	Adult Education Teachers
192	Public Relations Specialists
260	Advertising Agents and Sales
330	Library Attendants and Assistants
033	Archivists and Curators
195	Research Workers
220	Office Managers

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PHILOSOPHY Code: 011000	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	KEENLY COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980 Total Expected Job Openings in Texas	90 30 - 35	(Less than 15)
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	0%	
In Closely Related Occupations	20%	
In Generally Related Occupations	80%	

LISTING OF OCCUPATIONS RELATED TO PHILOSOPHY

Code	Directly Related Occupations
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
090	Religious Workers
096	Social Scientists
235	School Administrators, College
181	Authors
195	Research Workers
003	Computer Programmers
035	Mathematicians
922	Health Aides

Code	Generally Related Occupations
100	Social Workers
330	Library Attendants and Assistants

(See page 6 for additional occupations)

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: SPANISH Code: 011415	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportuntiies through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980:	245	30
Total Expected Job Openings in Texas	180 - 215	20 -25
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	13%	15%
In Closely Related Occupations	57%	60%
In Generally Related Occupations	30%	25%

LISTING OF OCCUPATIONS RELATED TO SPANISH

Code	Directly Related Occupations
140	College and University Teachers (Grad only)
194	Linguists, Translators, Interpreters
145	Teachers, exc. College and University

Code	Closely Related Occupations
100	Social Workers
362	Proofreaders
222	Officials and Public Administrators

Code	Generally Related Occupations
174	Vocational and Educational Counselors
221	Officers, Pilots, and Pursers, Ship
931	Flight Attendants
195	Research Workers
260	Advertising Agents

(See page 6 for additional occupations)

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: OTHER FOREIGN LANGUAGE Code: 011400	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	115	45
Total Expected Job Openings in Texas	70 - 85	25 - 30
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	21%	17%
In Closely Related Occupations	38%	48%
In Generally Related Occupations	41%	35%

LISTING OF OCCUPATIONS RELATED TO OTHER FOREIGN LANGUAGE

Code	Directly Related Occupations
140	College and University Teachers (Grad only)
194	Linguists, Translators, Interpreters
145	Teachers, exc. College & University

Code	Closely Related Occupations
931	Flight Attendants
195	Research Workers
362	Proofreaders
222	Officials, Public Administrators

Code	Generally Related Occupations
100	Social Workers
033	Archivists and Curators
221	Officers, Pilots, Pursers, Ship

(See page 6 for additional occupations)

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: JOURNALISM/ COMMUNICATIONS** Code: 010800	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD (C)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	1,725	50
Total Expected Job Openings in Texas	1,295 - 1,530	60 - 70
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	34%	70%
In Closely Related Occupations	31%	14%
In Generally Related Occupations	35%	16%

LISTING OF OCCUPATIONS RELATED TO JOURNALISM/COMMUNICATIONS

Code	Directly Related Occupations
814	Editors and Reporters
140	College and University Teachers (Grad only)
193	Radio and TV Announcers
191	Photojournalists

Code	Closely Related Occupations
181	Authors
195	Research Workers
192	Public Relations Specialists
260	Advertising Agents, Sales
220	Office Managers
183	Designers

Code	Generally Related Occupations
	(See page 6 for listing)

COMMENTS: * Indicates change from previous report: (C) rating in last report was Competitive.

** Includes graduates and occupational openings in Radio, Television and Film. Job opportunities in Journalism vary widely. Generally, market conditions are competitive for magazine and newspaper reporters, photojournalists and broadcast journalists. Market conditions are much more favorable in public relations and advertising.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 1978)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: SPEECH Code: 011300	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	275	75
Total Expected Job Openings in Texas	215 - 260	55 - 65
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	43%	59%
In Closely Related Occupations	29%	21%
In Generally Related Occupations	28%	20%

LISTING OF OCCUPATIONS RELATED TO SPEECH

Code	Directly Related Occupations
076	Therapists
193	Radio and Television Announcers
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
084	Therapy Assistants
141	Adult Education Teachers
175	Actors
194	Writers, Artists, and Entertainers
260	Advertising Agents, Sales
195	Research Workers
090	Religious Workers

Code	Generally Related Occupations
100	Social Workers

(See page 6 for additional occupations)

COMMENTS: A liberal arts background provides the student with a broad and well-rounded education. It qualifies the graduate for a wide range of non-technical positions. Research suggests that liberal arts graduates are valued by employers for their written and oral communication skills and their ability to get along with people.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MATHEMATICS Code: 010900	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	350	150
Total Expected Job Openings in Texas	365 - 440	165 - 200
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	39%	23%
In Closely Related Occupations	32%	59%
In Generally Related Occupations	29%	18%

LISTING OF OCCUPATIONS RELATED TO MATHEMATICS

Code	Directly Related Occupations
035	Mathematicians
036	Statisticians
140	College and University Teachers (Grad only)
156	Mathematical Technicians

Code	Closely Related Occupations
001	Accountants
034	Actuaries
162	Engineering and Science Technicians
195	Research Workers
375	Statistical Clerks
003	Computer Programmers
004	Computer Systems Analysts
055	Operations & Syst. Researchers & Analysts

Code	Generally Related Occupations
202	Bank Officers and Financial Managers
210	Credit Managers
271	Stock and Bond Agents

(See page 6 for additional occupations)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: COMPUTER SCIENCE Code: 011900	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD	EXCELLENT (VG)*
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	425	110
Total Expected Job Openings in Texas	480 - 570	155 - 185
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	72%	80%
In Closely Related Occupations	5%	8%
In Generally Related Occupations	23%	12%

LISTING OF OCCUPATIONS RELATED TO COMPUTER SCIENCE

Code	Directly Related Occupations
005	Computer Specialists/Scientists
003	Computer Programmers
004	Computer Systems Analysts
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
022	Sales Engineers
036	Statisticians
055	Operations and System Researchers and Analysts
195	Research Workers

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: * Indicates change from previous report: (VG) rating in last report was Very Good and (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CRIMINAL JUSTICE Code: 012800	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	900	100
Total Expected Job Openings in Texas	800 - 1,085	100 - 125
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	14%	32%
In Closely Related Occupations	64%	54%
In Generally Related Occupations	22%	14%

LISTING OF OCCUPATIONS RELATED TO CRIMINAL JUSTICE

Code	Directly Related Occupations
964	Criminologists
963	Marshals and Constables
964	Police and Detectives
965	Sheriffs and Bailiffs

Code	Closely Related Occupations
096	Social Scientists
195	Research Workers
222	Officials & Public Administrators
245	Managers & Administrators
321	Estimators and Investigators
962	Guards
220	Legal Assistants
100	Social Workers

Code	Generally Related Occupations
	(See page 6 for listing)

COMMENTS: Examples of occupations included in Social Scientists are: court administration, parole/probation officers, social planners and alcohol rehabilitation workers.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PUBLIC ADMINISTRATION/ AFFAIRS Code: 012700	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD (C)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	55	105
Total Expected Job Openings in Texas	35 - 40	75 - 90
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	0%	19%
In Closely Related Occupations	61%	56%
In Generally Related Occupations	39%	25%

LISTING OF OCCUPATIONS RELATED TO PUBLIC ADMINISTRATION/AFFAIRS

Code	Directly Related Occupations
095	Urban and Regional Planners
222	Officials and Public Administrators

Code	Closely Related Occupations
056	Personnel and Labor Relations Workers
092	Political Scientists
192	Public Relations Specialists
195	Research Workers
235	School Administrators, College
212	Health Administrators
220	Office Managers
245	Managers and Administrators

Code	Generally Related Occupations
055	Operations and System Researchers and Analysts
100	Social Workers
181	Authors
223	Officials of Lodges, Societies, Unions

(See page 6 for additional occupations)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive.
Examples of occupations included in Officials and Public Administrators: policy, program and budget analysts, administrative assistants, court management and social service caseworkers.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: RELIGION/THEOLOGY Code: 012900	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	265	300 *
Total Expected Job Openings in Texas	185 - 225	1,045 - 1,275
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	53%	100%
In Closely Related Occupations	16%	0%
In Generally Related Occupations	31%	0%

LISTING OF OCCUPATIONS RELATED TO RELIGION/THEOLOGY

Code	Directly Related Occupations
086	Clergy (Grad only)
090	Religious Workers
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
100	Social Workers
101	Recreation Workers
145	Teachers, exc. College & University
945	Welfare Services Aides

Code	Generally Related Occupations
181	Authors

(See page 6 for additional occupations)

COMMENTS: * Only includes graduates from general academic colleges and universities.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ASTRONOMY Code: 020100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE (G)*	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT (S)*
Market Ready Supply Expected 1980 Total Expected Job Openings in Texas	(Less than 15)	15 20 - 25
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations		21%
In Closely Related Occupations		67%
In Generally Related Occupations		12%

LISTING OF OCCUPATIONS RELATED TO ASTRONOMY

Code	Directly Related Occupations
053	Physicists and Astronomers
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
006	Aeronautical and Astronautical Engrs.
043	Atmospheric and Space Scientists
194	Scientific Writers
195	Research Workers

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good and (S) rating in last report was About the Same.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: BIOCHEMISTRY/BIOPHYSICS Code: 020300	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	25	20
Total Expected Job Openings in Texas	20 - 30	20 - 25
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	54%	81%
In Closely Related Occupations	21%	4%
In Generally Related Occupations	25%	15%

LISTING OF OCCUPATIONS RELATED TO BIOCHEMISTRY/BIOPHYSICS

Code	Directly Related Occupations
045	Chemists
195	Research Workers
044	Biological Scientists
140	College and University Teachers (Grad only)
053	Physicists

Code	Closely Related Occupations
043	Atmospheric and Space Scientists
052	Marine Scientists
151	Chemical Technicians
194	Scientific Writers
080	Clinical Lab Technologists & Techns.
150	Agricultural and Biological Techns. exc. Health

Code	Generally Related Occupations
212	Health Administrators

(See page 6 for additional occupations)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: BIOLOGY Code: 020400	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980:	900	175
Total Expected Job Openings in Texas	570 - 695	165 - 190
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	8%	26%
In Closely Related Occupations	54%	56%
In Generally Related Occupations	38%	18%

LISTING OF OCCUPATIONS RELATED TO BIOLOGY

Code	Directly Related Occupations
054	Life and Physical Scientists
195	Research Workers
044	Biological Scientists
140	College and University Teachers (Grad only)

Code	Generally Related Occupations
045	Chemists
371	Medical Secretaries

(See page 6 for additional occupations)

Code	Closely Related Occupations
036	Biostatisticians
042	Agricultural Scientists
082	Health Record Technologists, Techns.
085	Health Technologists & Technicians
194	Medical Illustrators
194	Scientific Writers
080	Clinical Lab Technologists & Techns.
150	Agric. & Biological Tech, exc. Health

COMMENTS: The classification Research Workers includes the occupation ecological impact researcher.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ZOOLOGY Code: 021600	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	70	20
Total Expected Job Openings in Texas	50 - 60	15 - 20
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	2%	43%
In Closely Related Occupations	33%	36%
In Generally Related Occupations	65%	21%

LISTING OF OCCUPATIONS RELATED TO ZOOLOGY

Code	Directly Related Occupations
044	Biological Scientists
140	College and University Teachers (Grad only)
054	Life and Physical Scientists

Code	Closely Related Occupations
052	Marine Scientists
195	Research Workers
080	Clinical Lab Technologists & Techns.
150	Agricultural and Biological Techns. exc. Health
085	Health Technologists
212	Health Administrators

Code	Generally Related Occupations
025	Foresters and Conservationists
194	Technical Writers

(See page 6 for additional occupations)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CHEMISTRY Code: 020700	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	195	105
Total Expected Job Openings in Texas	175 - 210	130 - 155
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	42%	73%
In Closely Related Occupations	31%	14%
In Generally Related Occupations	27%	13%

LISTING OF OCCUPATIONS RELATED TO CHEMISTRY

Code	Directly Related Occupations
045	Chemists
151	Chemical Technicians
195	Research Workers
054	Life and Physical Scientists
140	College and University Teachers (Grad only)

Code	Generally Related Occupations
371	Medical Secretaries

(See page 6 for additional occupations)

Code	Closely Related Occupations
042	Agricultural Scientists
043	Atmospheric and Space Scientists
080	Clinical Lab Technologists & Techns.
083	Radiologic Technologists, Techns.
194	Technical Writers
085	Health Technologists, Technicians

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good and (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: GEOLOGY Code: 021000	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT
Market Ready Supply Expected 1980	265	80
Total Expected Job Openings in Texas	255 - 310	110 - 135
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	92%	88%
In Closely Related Occupations	2%	5%
In Generally Related Occupations	6%	7%

LISTING OF OCCUPATIONS RELATED TO GEOLOGY

Code	Directly Related Occupations
051	Geologists
140	College and University Teachers (Grad only)
021	Petroleum Engineers
011	Civil Engineers

Code	Closely Related Occupations
043	Atmospheric and Space Scientists
195	Research Workers
054	Life and Physical Scientists

Code	Generally Related Occupations
025	Foresters and Conservationists
033	Archivists and Curators
161	Surveyors
194	Technical Writers

(See page 6 for additional occupations)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PHYSICS Code: 021500	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	35	70
Total Expected Job Openings in Texas	30 - 35	65 - 80
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	41%	29%
In Closely Related Occupations	26%	56%
In Generally Related Occupations	33%	15%

LISTING OF OCCUPATIONS RELATED TO PHYSICS

Code	Directly Related Occupations
053	Physicists and Astronomers
195	Research Workers
054	Life and Physical Scientists
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
035	Mathematicians
043	Atmospheric and Space Scientists
083	Radiologic Technologists & Techns.
153	Electrical and Electronic Engr. Technicians
162	Engineering and Science Technicians
154	Industrial Engineering Technicians
194	Technical Writers
012	Electronic Engineers
003	Computer Programmers
051	Geologists

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: The classification Life and Physical Scientists includes energy scientists.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: EARTH/ENVIRONMENTAL/ Code: 022000 OTHER PHYSICAL SCIENCE	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	135	120
Total Expected Job Openings in Texas	140 - 170	125 - 150
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	72%	85%
In Closely Related Occupations	8%	15%
In Generally Related Occupations	20%	0%

LISTING OF OCCUPATIONS RELATED TO EARTH/ENVIRONMENTAL/OTHER PHYSICAL SCIENCE

Code	Directly Related Occupations	Code	Closely Related Occupations
052	Marine Scientists	162	Engineering and Science Technicians
140	College and University Teachers (Grad only)	151	Chemical Technicians
195	Research Workers	043	Atmospheric & Space Scientists
054	Life and Physical Scientists		
051	Geologists		

Code	Directly Related Occupations

(See page 6 for listing)

COMMENTS: The classification Engineering and Science Technicians includes environmental technicians.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (MARCH 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ELEMENTARY EDUCATION Code: 040700	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	4,189	2,195
Total Expected Job Openings in Texas	3,700 - 4,500	1,940 - 2,365
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	61%	70%
In Closely Related Occupations	5%	7%
In Generally Related Occupations	34%	23%

LISTING OF OCCUPATIONS RELATED TO ELEMENTARY EDUCATION

Code	Directly Related Occupations
142	Elementary School Teachers
143	Prekindergarten and Kindergarten Teachers
145	Teachers, exc. College and University

Code	Closely Related Occupations
174	Vocational & Educational Counselors
240	School Administrators, Elementary and Secondary
382	Teacher Aides, exc. School Monitors
942	Child Care Workers, exc. Private Household

Code	Generally Related Occupations
100	Social Workers

(See page 6 for additional occupations)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive. Job opportunities at the elementary level are rated as good (balanced) due to the large number of generally related occupations. When only teaching positions are considered, market conditions are generally competitive. While teacher supply has declined during the current decade, the impact of this phenomenon has been blunted by the lower birth rate and subsequent decline in elementary school enrollments. In Texas, there are shortages in selected teaching fields such as special education and bilingual education, and in certain locations such as rural areas and some inner city schools.

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: SECONDARY EDUCATION Code: 040800	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	4,165	1,060
Total Expected Job Openings in Texas	3,415 - 4,030	930 - 1,140
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	33%	65%
In Closely Related Occupations	16%	12%
In Generally Related Occupations	51%	23%

LISTING OF OCCUPATIONS RELATED TO SECONDARY EDUCATION

Code	Directly Related Occupations
144	Secondary School Teachers

Code	Closely Related Occupations
141	Adult Education Teachers
174	Vocational & Educational Counselors
240	School Administrators, Elementary and Secondary
032	Librarians

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: Secondary level teaching positions are generally plentiful in selected disciplines. Areas of teacher demand include math, science (except for biology), coaching, industrial arts and bilingual education. Most teacher candidates can obtain employment in Texas if they are willing to consider teaching in rural and/or poor school districts.

*Indicates change from previous report: (C) rating in last report was Competitive.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: EDUCATION: GUIDANCE AND COUNSELING Code: 040900	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	40	675
Total Expected Job Openings in Texas	25 - 35	520 - 635
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	0%	69%
In Closely Related Occupations	26%	5%
In Generally Related Occupations	74%	26%

LISTING OF OCCUPATIONS RELATED TO EDUCATION: GUIDANCE AND COUNSELING

Code	Directly Related Occupations
174	Vocational and Educational Counselors

Code	Closely Related Occupations
056	Personnel and Labor Relations Workers
093	Psychologists (Grad only)
100	Social Workers
144	Secondary School Teachers
240	School Administrators, Elementary and Secondary
235	School Administrators, College

Code Generally Related Occupations

(See page 6 for listing)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: EDUCATION, OTHER * Code: 040110	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	ABOUT THE SAME
Market Ready Supply Expected 1980	800	1,690
Total Expected Job Openings in Texas	630 - 755	1,560 - 1,870
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	67%	93%
In Closely Related Occupations	21%	5%
In Generally Related Occupations	12%	2%

LISTING OF OCCUPATIONS RELATED TO EDUCATION, OTHER

Code	Directly Related Occupations
140	College and University Teachers (Grad only)
235	School Administrators, College (Grad)
240	School Administrators, Elementary and Secondary (Grad)

Code	Closely Related Occupations
141	Adult Education Teachers
174	Vocational and Educational Counselors
032	Librarians
145	Teachers, exc. College & University
195	Researchers Workers

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Includes but is not limited to Education Administration and Supervision, Special Education, and Speech and Hearing Therapy.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ART Code: 030100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	930	80
Total Expected Job Openings in Texas	665 - 795	60 - 75
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	55%	78%
In Closely Related Occupations	6%	5%
In Generally Related Occupations	39%	17%

LISTING OF OCCUPATIONS RELATED TO ART

Code	Directly Related Occupations
183	Designers
190	Painters and Sculptors
191	Photographers
515	Photoengravers and Lithographers
140	College and University Teachers (Grad only)
145	Teachers, exc. College and University
194	Writers, Artists, and Entertainers

Code	Generally Related Occupations
262	Demonstrators
453	Jewelers and Watchmakers
645	Photographic Process Workers

(See page 6 for additional occupations)

Code	Closely Related Occupations
033	Archivists and Curators
425	Decorators and Window Dressers
435	Engravers, exc. Photoengravers
546	Stonecutters and Stone Carvers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MUSIC Code: 030300	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	600	175
Total Expected Job Openings in Texas	420 - 505	125 - 150
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	60%	74%
In Closely Related Occupations	5%	4%
In Generally Related Occupations	35%	22%

LISTING OF OCCUPATIONS RELATED TO MUSIC

Code	Directly Related Occupations
185	Musicians and Composers
140	College and University Teachers (Grad only)
145	Teachers, exc. College and University
194	Writers, Artists and Entertainers

Code	Closely Related Occupations
076	Therapists
516	Piano and Organ Tuners and Repairers

Code	Generally Related Occupations
260	Advertising Agents, Sales
153	Electrical and Electronic Technicians

(See page 6 for additional occupations)

COMMENTS: Employment opportunities within the field of music vary widely. For example, job opportunities for high school band directors in Texas are good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DRAMA Code: 030200	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	KEENLY COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	300	50
Total Expected Job Openings in Texas	160 - 180	35 - 40
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	42%	40%
In Closely Related Occupations	9%	29%
In Generally Related Occupations	49%	31%

LISTING OF OCCUPATIONS RELATED TO DRAMA

Code	Directly Related Occupations
175	Actors
183	Designers
140	College and University Teachers (Grad only)
145	Teachers, exc. College and University
194	Writers, Artists and Entertainers

Code	Closely Related Occupations
182	Dancers
193	Radio and Television Announcers
245	Managers and Administrators
153	Electrical and Electronic Techns.

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31 1981

Program Area: GENERAL OR TECHNICAL AGRICULTURE Code: 050100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	SOME IMPROVEMENT
Market Ready Supply Expected 1980:	465	80
Total Expected Job Openings in Texas	450 - 500	70 - 80
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	63%	60%
In Closely Related Occupations	7%	16%
In Generally Related Occupations	30%	24%

LISTING OF OCCUPATIONS RELATED TO GENERAL OR TECHNICAL AGRICULTURE

Code	Directly Related Occcupations
801	Farmers, Owners and Tenants
024	Farm Management Advisors
802	Farm Managers
821	Farm Labor Supervisors

Code	Closely Related Occupations
042	Agricultural Scientists
205	Buyers, Wholesale and Retail Trade
210	Credit Managers
363	Real Estate Appraisers
025	Foresters and Conservationists
150	Agricultural and Biological Techns., exc. Health
203	Buyers and Shippers, Farm Products
262	Extension Agents

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive and (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: AGRICULTURAL ECONOMICS Code: 010310	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	185	15
Total Expected Job Openings in Texas	145 - 170	15 - 20
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	45%	60%
In Closely Related Occupations	25%	20%
In Generally Related Occupations	30%	20%

LISTING OF OCCUPATIONS RELATED TO AGRICLUTURAL ECONOMICS

Code	Directly Related Occupations
024	Farm Management Advisors
091	Economists
202	Bank Officers and Financial Managers
203	Buyers and Shippers, Farm Products
363	Real Estate Appraisers
802	Farm Managers

Code	Generally Related Occupations

(See page 6 for listing)

Code	Closely Related Occupations
140	College and University Teachers (Grad only)
195	Research Workers
205	Buyers, Wholesale and Retail Trade
215	Inspectors, exc. Construction, Public Administration
225	Purchasing Agents and Buyers
260	Advertising Agents
262	Extension Agents
271	Stock and Bond Sales Agents
222	Officials and Public Administrators

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive.
Examples of occupations included in Managers and Administrators are: feedlot management, cooperatives, farm equipment sales and the processing, storing and marketing of farm products

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: AGRONOMY Code: 050300	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT
Market Ready Supply Expected 1980	100	30
Total Expected Job Openings in Texas	90 - 100	25 - 30
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	60%	61%
In Closely Related Occupations	8%	18%
In Generally Related Occupations	32%	21%

LISTING OF OCCUPATIONS RELATED TO AGRONOMY

Code	Directly Related Occupations
042	Agricultural Scientists
024	Farm Management Advisors
140	College and University Teachers (Grad only)
150	Agricultural and Biological Technicians
802	Farm Managers

Code	Closely Related Occupations
044	Biological Scientists
054	Life and Physical Scientists
195	Research Workers
215	Inspectors, exc. Construction, Public Administration
025	Foresters and Conservationists
203	Buyers and Shippers, Farm Products
262	Demonstrators
210	Credit Managers

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ANIMAL SCIENCE Code: 050400	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	245	50
Total Expected Job Openings in Texas	230 - 255	40 - 50
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	65%	59%
In Closely Related Occupations	8%	17%
In Generally Related Occupations	27%	24%

LISTING OF OCCUPATIONS RELATED TO ANIMAL SCIENCE

Code	Directly Related Occupations
042	Agricultural Scientists
740	Animal Caretakers, exc. Farm
801	Farmers
024	Farm Management Advisors
140	College and University Teachers (Grad only)
150	Agricultural and Biological Technicians exc. Health
802	Farm Managers

Code	Closely Related Occupations
044	Biological Scientists
085	Health Technologists, Technicians
195	Research Workers
215	Inspectors, exc. Construction, Public Administration
203	Buyers and Shippers, Farm Products
262	Demonstrators

Code Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: FORESTRY Code: 050700	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	GOOD (KC/C)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	130	(less than 15)
Total Expected Job Openings in Texas	125 - 140	
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	14%	
In Closely Related Occupations	13%	
In Generally Related Occupations	73%	

LISTING OF OCCUPATIONS RELATED TO FORESTRY

Code	Directly Related Occupations
450	Inspectors, Scalers, Graders, Log, Lumber
025	Foresters and Conservationists
140	College and University Teachers (Grad only)
150	Agricultural and Biological Technicians, exc. Health

Code	Closely Related Occupations
042	Agricultural Scientists
024	Farm Management Advisors
203	Buyers and Shippers, Farm Products
802	Farm Managers
801	Farmers (Owners and Tenants)
323	Production Controllers
245	Managers and Administrators

Code	Generally Related Occupations
363	Real Estate Appraisers
262	Demonstrators
755	Gardeners, Groundskeepers, exc. Farm

(See page 6 for additional occupations)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive and (KC/C) rating in last report was Keenly Competitive to Competitive. Forestry receives a good rating due to the large number of generally related occupations listed for this curriculum area.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: HORTICULTURE Code: 050800	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	GOOD (C)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980 Total Expected Job Openings in Texas	105 90 - 100	(less than 15)
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	64%	
In Closely Related Occupations	5%	
In Generally Related Occupations	31%	

LISTING OF OCCUPATIONS RELATED TO HORTICULTURE

Code	Directly Related Occupations
042	Agricultural Scientists
024	Farm Management Advisors
140	College and University Teachers (Grad only)
150	Agricultural and Biological Technicians Exc. Health
802	Farm Managers
801	Farmers Owners and Tenants

Code	Generally Related Occupations

(See page 6 for listing)

Code	Closely Related Occupations
044	Biological Scientists
095	Urban and Regional Planners
225	Purchasing Agents and Buyers
755	Gardeners and Groundskeepers, exc. Farm
025	Foresters and Conservationists
203	Buyers and Shippers, Farm Products
262	Demonstrators

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive and (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: RECREATION AND PARKS Code: 051400	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD (C)*
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	90	(less than 15)
Total Expected Job Openings in Texas	80 - 85	
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	76%	
In Closely Related Occupations	7%	
In Generally Related Occupations	17%	

LISTING OF OCCUPATIONS RELATED TO RECREATION AND PARKS

Code	Directly Related Occupations
101	Recreation Workers

Code	Closely Related Occupations
755	Gardeners, Groundskeepers, exc. Farm
095	Urban and Regional Planners
932	Attendants, Recreation, Amusement

Code	Generally Related Occupations
205	Buyers, Wholesale and Retail

(See page 6 for additional occupations)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive and (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: WILDLIFE SCIENCE Code: 051300 AND MANAGEMENT	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	110	25
Total Expected Job Openings in Texas	85 - 95	20 - 25
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	13%	64%
In Closely Related Occupations	54%	36%
In Generally Related Occupations	33%	0%

LISTING OF OCCUPATIONS RELATED TO WILDLIFE SCIENCE AND MANAGMENT

Code	Directly Related Occupations
042	Agricultural Scientists
025	Foresters and Conservationists
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
095	Urban and Regional Planners
101	Recreation Workers
024	Farm Management Advisory
150	Agricultural and Biological Techns., exc. Health
802	Farm Managers
752	Fishers, Hunters, Trappers

Code	Generally Related Occupations
161	Surveyors

(See page 6 for additional occupations)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ARCHITECTURE Code: 060200	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD (C)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	490	150
Total Expected Job Openings in Texas	360 - 440	140 - 165
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	89%	81%
In Closely Related Occupations	8%	19%
In Generally Related Occupations	3%	0%

LISTING OF OCCUPATIONS RELATED TO ARCHITECTURE

Code	Directly Related Occupations
002	Architects
095	Urban and Regional Planners
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
152	Drafters
183	Designers
213	Construction Inspectors, Public
363	Real Estate Appraisers

Code **Generally Related Occupations**

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive and (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CHEMICAL ENGINEERING Code: 060500	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	EXCELLENT	EXCELLENT
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	ABOUT THE SAME
Market Ready Supply Expected 1980	190	60
Total Expected Job Openings in Texas	220 - 260	80 - 100
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	49%	80%
In Closely Related Occupations	29%	20%
In Generally Related Occupations	22%	0%

LISTING OF OCCUPATIONS RELATED TO CHEMICAL ENGINEERING

Code	Directly Related Occupations
010	Chemical Engineers
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
021	Petroleum Engineers
195	Research Workers
022	Sales Engineers

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CIVIL ENGINEERING Code: 060600	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	470	100
Total Expected Job Openings in Texas	540 - 660	165 - 200
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	51%	87%
In Closely Related Occupations	36%	13%
In Generally Related Occupations	13%	0%

LISTING OF OCCUPATIONS RELATED TO CIVIL ENGINEERING

Code	Directly Related Occupations
011	Civil Engineers
213	Construction Inspectors, Public Administration
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
020	Mining Engineers
021	Petroleum Engineers
055	Operations and Systems Researchers, Analysts
095	Urban and Regional Planners
161	Surveyors
195	Research Workers
022	Sales Engineers
222	Officials and Administrators, Public Administration

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ELECTRICAL ENGINEERING Code: 060800	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	510	100
Total Expected Job Openings in Texas	590 - 705	135 - 165
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	77%	96%
In Closely Related Occupations	2%	2%
In Generally Related Occupations	21%	2%

LISTING OF OCCUPATIONS RELATED TO ELECTRICAL ENGINEERING

Code	Directly Related Occupations
012	Electrical and Electronic Engineers
055	Operations and Systems Researchers, Analysts
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
003	Computer Programmers
004	Computer Systems Analysts
153	Electrical and Electronic Engineer Technicians
022	Sales Engineers

Code	Generally Related Occupations
171	Radio Operators
430	Electricians

(See page 6 for additional occupations)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: INDUSTRIAL ENGINEERING Code: 061000	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	180	190
Total Expected Job Openings in Texas	210 - 255	225 - 270
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	22%	54%
In Closely Related Occupations	69%	33%
In Generally Related Occupations	9%	13%

LISTING OF OCCUPATIONS RELATED TO INDUSTRIAL ENGINEERING

Code	Directly Related Occupations
055	Operations and Systems Researchers, Analysts
140	College and University Teachers (Grad only)
013	Industrial Engineers

Code	Closely Related Occupations
056	Personnel and Labor Relations Workers
095	Urban and Regional Planners
154	Industrial Engineering Technicians
162	Engineering and Science Technicians
195	Research Workers
225	Purchasing Agents and Buyers
213	Construction Inspectors, Public Administration
022	Sales Engineers
323	Expediters, Production Control

Code	Generally Related Occupations
	(See page 6 for listing)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MECHANICAL ENGINEERING Code: 061100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	450	55
Total Expected Job Openings in Texas	485 - 580	125 - 150
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	54%	100%
In Closely Related Occupations	24%	0%
In Generally Related Occupations	22%	0%

LISTING OF OCCUPATIONS RELATED TO MECHANICAL ENGINEERING

Code	Directly Related Occupations
014	Mechanical Engineers
015	Metallurgical and Materials Engineers
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
013	Industrial Engineers
055	Operations and Systems Researchers, Analysts
155	Mechanical Engineering Technicians
183	Designers
022	Sales Engineers
221	Officers, Pilots, Pursers, Ship
163	Airplane Pilots
170	Flight Engineers

Code	Generally Related Occupations

(See page 6 for additional listing)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PETROLEUM ENGINEERING Code: 061300	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	EXCELLENT (VG)*	EXCELLENT
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	130	15
Total Expected Job Openings in Texas	190 - 230	20 - 25
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	71%	91%
In Closely Related Occupations	12%	9%
In Generally Related Occupations	17%	0%

LISTING OF OCCUPATIONS RELATED TO PETROLEUM ENGINEERING

Code	Directly Related Occupations
020	Mining Engineers
021	Petroleum Engineers
140	College and University Teachers (Grad only)
023	Engineers, Other

Code	Closely Related Occupations
051	Geologists
022	Sales Engineers

Code Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good and (I) rating in last report was Some Improvement.

Examples of occupations included in Engineers, Others are: natural gas, drilling, production, reservoir, geothermal, solution mining and ground water engineers.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: OTHER ENGINEERING Code: 060000	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	465	135
Total Expected Job Openings in Texas	420 - 500	180 - 220
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	74%	91%
In Closely Related Occupations	21%	9%
In Generally Related Occupations	5%	0%

LISTING OF OCCUPATIONS RELATED TO OTHER ENGINEERING

Code	Directly Related Occupations
006	Aeronautical and Astronautical Engrs.
023	Engineers, Other

Code	Closely Related Occupations
183	Designers
162	Engineering Technicians
022	Sales Engineers
221	Officers, Pilots, Pursers, Ship
163	Airplane Pilots

Code **Generally Related Occupations**

(See page 6 for listing)

COMMENTS: Other Engineers includes: agricultural, nuclear, gas, environmental, piping, systems and control, and process control engineers.

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CLOTHING & TEXTILES Code: 070200	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT
Market Ready Supply Expected 1980 Total Expected Job Openings in Texas	160 95 - 115	(less than 15)
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	26%	
In Closely Related Occupations	34%	
In Generally Related Occupations	40%	

LISTING OF OCCUPATIONS RELATED TO CLOTHING & TEXTILES

Code	Directly Related Occupations
225	Purchasing Agents and Buyers
262	Demonstrators
140	College and University Teachers (Grad only)
183	Designers
231	Sales Mgrs. & Dept. Heads, Retail Trade

Code	Closely Related Occupations
233	Sales Managers, exc. Retail Trade
280	Sales Representatives
425	Decorators and Window Dressers
026	Home Management Advisors

Code **Generally Related Occupations**

(See page 6 for listing)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: FOOD AND NUTRITION Code: 070300	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	VERY GOOD (G)
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	100	40
Total Expected Job Openings in Texas	90 - 110	45 - 55
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	61%	84%
In Closely Related Occupations	16%	4%
In Generally Related Occupations	23%	12%

LISTING OF OCCUPATIONS RELATED TO FOOD AND NUTRITION

Code	Directly Related Occupations
074	Dieticians
140	College and University Teachers (Grad only)
195	Research Workers
230	Restaurant, Cafeteria and Bar Mgrs.

Code	Closely Related Occupations
026	Home Management Advisors
145	Teachers, exc. College & University

Code Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive, (G) was Good, and (I) was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: HOME AND FAMILY LIFE Code: 070500	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	115	15
Total Expected Job Openings in Texas	80 - 95	15 - 20
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	17%	27%
In Closely Related Occupations	38%	32%
In Generally Related Occupations	45%	41%

LISTING OF OCCUPATIONS RELATED TO HOME AND FAMILY LIFE

Code	Directly Related Occupations
174	Vocational and Educational Counselors
026	Home Management Advisors
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
100	Social Workers
942	Child Care Workers, exc. Private Household
954	Welfare Services Aides
183	Designers
231	Sales Mgrs. & Dept. Heads, Retail Trade
145	Teachers, exc. College & University

Code Generally Related Occupations

(See page 6 for listing)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: GENERAL HOME ECONOMICS Code: 070600	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD (C)*	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT (S)*	SOME IMPROVEMENT
Market Ready Supply Expected 1980	640	25
Total Expected Job Openings in Texas	570 - 680	20 - 25
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	9%	15%
In Closely Related Occupations	56%	70%
In Generally Related Occupations	35%	15%

LISTING OF OCCUPATIONS RELATED TO GENERAL HOME ECONOMICS

Code	Directly Related Occupations
026	Home Management Advisors
262	Demonstrators
140	College and University Teachers (Grad only)
183	Designers

Code	Closely Related Occupations
100	Social Workers
141	Adult Education Teachers
425	Decorators and Window Dressers
950	Housekeepers, exc. Private Household
231	Sales Mgrs. & Dept. Heads, Retail Trade
205	Buyers, Wholesale, Retail

Code	Generally Related Occupations
931	Flight Attendants

(See page 6 for additional occupations)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive and (S) in last report was About the Same.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ACCOUNTING Code: 160100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT
Market Ready Supply Expected 1980	2,770	190
Total Expected Job Openings in Texas	3,175 - 3,870	225 - 275
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	70%	73%
In Closely Related Occupations	11%	15%
In Generally Related Occupations	19%	12%

LISTING OF OCCUPATIONS RELATED TO ACCOUNTING

Code	Directly Related Occupations
001	Accountants
201	Assessors, Controllers, Treas. Publ. Admin.
305	Bookkeepers
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
034	Actuaries
055	Operations & Systems Researchers, Analysts
210	Credit Managers
202	Bank Officers and Financial Managers
222	Officials and Public Administrators

Code	Generally Related Occupations
036	Statisticians
141	Adult Education Teachers
301	Bank Tellers
375	Statistical Clerks
271	Stock and Bond Agents
363	Real Estate Appraisers

(See page 6 for additional occupations)

COMMENTS: Nationwide there are indications that the market for accountants is becoming less favorable as institutions graduate growing numbers of accounting majors. The overall employment prospects for accountants in Texas, however, remains very good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ADVERTISING * Code: 160200	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980 Total Expected Job Openings in Texas	225 205 - 250	(less than 15)
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	89%	
In Closely Related Occupations	5%	
In Generally Related Occupations	6%	

LISTING OF OCCUPATIONS RELATED TO ADVERTISING *

Code	Directly Related Occupations
260	Advertising Agents, Sales

Code	Closely Related Occupations
192	Public Relations Specialists
194	Other Writers, Artists
195	Research Workers
220	Other Office Managers

Code	Generally Related Occupations
191	Photographers

(See page 6 for additional occupations)

COMMENTS: *This curriculum did not appear in the March 1978 Report.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: FINANCE Code: 160400	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT
Market Ready Supply Expected 1980	900	45
Total Expected Job Openings in Texas	830 - 1,010	45 - 55
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	41%	94%
In Closely Related Occupations	29%	2%
In Generally Related Occupations	30%	4%

LISTING OF OCCUPATIONS RELATED TO FINANCE

Code	Directly Related Occupations
091	Financial Analysts/Economists
201	Assessors, Controllers, Treas., Publ. Admin.
210	Credit Managers
140	College and University Teachers (Grad only)
202	Bank Officers and Financial Managers
271	Stock and Bond Agents

Code	Generally Related Occupations
026	Home Management Advisors
034	Actuaries
036	Statisticians
205	Buyers, Wholesale and Retail Trade
235	School Administrators, College
375	Statistical Clerks
231	Sales Mgrs., Dept. Heads, Retail Trade

Code	Closely Related Occupations
001	Accountants
301	Bank Tellers
305	Bookkeepers
222	Officials and Public Administrators
265	Insurance Agents, Brokers, Underwriters
326	Insurance Adjusters, Examiners/Investigators
363	Real Estate Appraisers
225	Purchasing Agents and Buyers

Code	Generally Related Occupations (cont.)

(See page 6 for additional occupations)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: GENERAL BUSINESS/ Code: 160500 BUSINESS ADMINISTRATION	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	2,680	905
Total Expected Job Openings in Texas	2,500 - 2,950	900 - 1,055
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	1%	10%
In Closely Related Occupations	58%	60%
In Generally Related Occupations	41%	30%

LISTING OF OCCUPATIONS RELATED TO GENERAL BUSINESS/BUSINESS ADMINISTRATION

Code	Directly Related Occupations

Code	Closely Related Occupations
001	Accountants
055	Operations & Systems Researchers Analysts
056	Personnel and Labor Relations Workers
091	Business Analysts/Economists
201	Assessors, Controllers, Treas., Publ. Admin.
205	Buyers, Wholesale and Retail Trade
210	Credit Managers
233	Sales Managers, exc. Retail Trade
260	Advertising Agents, Sales
262	Demonstrators
280	Sales Representatives
140	College and University Teachers (Grad only)
202	Bank Officers and Financial Mgrs.
222	Officials and Public Administrators

Code	Closely Related Occupations (cont.)
265	Insurance Agents, Brokers, Underwriters
271	Stock and Bond Agents
326	Insurance Adjusters, Examiners/Investigators
363	Real Estate Appraisers
225	Purchasing Agents and Buyers
231	Sales Managers & Dept. Heads, Retail

Code	Generally Related Occupations
134	Actuaries
136	Statisticians
195	Research Workers
223	Officials of Lodges, Societies, Unions

(See page 6 for additional occupations)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MANAGEMENT Code: 160700	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	1,565	510
Total Expected Job Openings in Texas	1,545 - 1,885	500 - 670
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	18%	11%
In Closely Related Occupations	60%	72%
In Generally Related Occupations	22%	17%

LISTING OF OCCUPATIONS RELATED TO MANAGEMENT

Code	Directly Related Occupations
056	Personnel and Labor Relations Workers
091	Business Management Analysts/Economists
231	Sales Mgrs., Dept. Heads, Retail Trade

Code	Generally Related Occupations
201	Assessors, Controllers, Treas., Publ. Admin.
223	Officials of Lodges, Societies, Unions
802	Farm Managers
363	Real Estate Appraisers

(See page 6 for additional occupations)

Code	Closely Related Occupations
024	Farm Management Advisors
026	Home Management Advisors
055	Operations & Systems Researchers, Analysts
192	Public Relations Specialists
205	Buyers, Wholesale and Retail Trade
210	Credit Managers
216	Managers, Superintendents, Bldg.
230	Restaurant, Cafeteria and Bar Mgrs.
233	Sales Mgrs., exc. Retail Trade
235	School Administrators, College
260	Advertising Agents, Sales
140	College & University Teachers (Grad)
202	Bank Officers & Financial Mgrs.
222	Officials and Public Administrators
271	Stock and Bond Agents
225	Purchasing Agents and Buyers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MARKETING Code: 160800	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT
Market Ready Supply Expected 1980	1,190	25
Total Expected Job Openings in Texas	1,120 - 1,400	30 - 40
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	11%	11%
In Closely Related Occupations	67%	75%
In Generally Related Occupations	22%	14%

LISTING OF OCCUPATIONS RELATED TO MARKETING

Code	Directly Related Occupations
091	Market Analysts/Economists
205	Buyers, Wholesale and Retail Trade
233	Sales Mgrs. Except Retail Trade
260	Advertising Agents, Sales
140	College and University Teachers (Grad only)
255	Purchasing Agents and Buyers
231	Sales Mgrs. & Dept. Heads, Retail Trade

Code	Generally Related Occupations
222	Officials & Public Administrators

(See page 6 for additional occupations)

Code	Closely Related Occupations
192	Public Relations Specialists
195	Research Workers
262	Demonstrators
280	Sales Representatives
202	Bank Officers and Financial Mgrs.
265	Insurance Agents, Brokers, Underwriters
271	Stock and Bond Agents
326	Insurance Adjusters, Examiners/Investigators
363	Real Estate Appraisers
230	Restaurant, Cafe, Bar Managers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: SECRETARIAL ADMINISTRATION Code: 16100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD (G)*	
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	
Market Ready Supply Expected 1980	175	
Total Expected Job Openings in Texas	215 - 270	
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	83%	
In Closely Related Occupations	7%	
In Generally Related Occupations	10%	

LISTING OF OCCUPATIONS RELATED TO SECRETARIAL ADMINISTRATION

Code	Directly Related Occupations
312	Clerical Supervisors
364	Receptionists
372	Secretaries
376	Stenographers
394	Clerical Workers
220	Office Managers

Code	Closely Related Occupations
305	Bookkeepers
360	Payroll and Timekeeping Clerks
362	Proofreaders
210	Credit Managers
301	Bank Tellers
245	Other Managers and Administrators

Code	Generally Related Occupations
321	Estimators and Investigators
330	Library Assistants and Attendants

(See page 6 for additional occupations)

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MEDICAL-OCCUPATIONAL THERAPY Code: 140111	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	EXCELLENT	EXCELLENT
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME(I)*	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	75	20
Total Expected Job Openings in Texas	95 - 115	25 - 30
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	74%	81%
In Closely Related Occupations	4%	19%
In Generally Related Occupations	22%	0%

LISTING OF OCCUPATIONS TO OCCUPATIONAL THERAPY

Code	Directly Related Occupations
076	Therapists
084	Therapy Assistants

Code	Closely Related Occupations
922	Health Aides, except Nursing
085	Other Health Technologists, Techns.

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MEDICAL-PHYSICAL THERAPY Code: 140200	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	EXCELLENT	EXCELLENT
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980:	115	20
Total Expected Job Openings in Texas	415 - 170	30 - 35
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	75%	50%
In Closely Related Occupations	4%	50%
In Generally Related Occupations	21%	0%

LISTING OF OCCUPATIONS RELATED TO MEDICAL-PHYSICAL THERAPY

Code	Directly Related Occupations
076	Therapists
084	Therapy Assistants

Code	Closely Related Occupations
922	Health Aides, except Nursing
085	Other Health Technologists, Techns.

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid unti March 31, 1981

Program Area: NURSING Code: 140300	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	EXCELLENT	EXCELLENT
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	1,825	175
Total Expected Job Openings in Texas	2,665 - 3,455	210 - 250
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	52%	75%
In Closely Related Occupations	31%	11%
In Generally Related Occupations	17%	14%

LISTING OF OCCUPATIONS RELATED TO NURSING

Code	Directly Related Occupations
075	Registered Nurses
140	College and University Teachers (Grad only)

Code	Closely Related Occupations
080	Clinical Laboratory Technologists, Techns.
076	Therapists
145	Teachers, exc. College & University
212	Health Administrators
100	Social Workers
922	Health Aides
074	Dieticians

Code Generally Related Occupations:

(See page 6 for listing)

COMMENTS: *Indicates change from previous report: (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MEDICAL-DENTAL Code: 140500 HYGIENE	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD	
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	
Market Ready Supply Expected 1980	30	
Total Expected Job Openings in Texas	40 - 45	
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	74%	
In Closely Related Occupations	26%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO DENTAL HYGIENE

Code	Directly Related Occupations	Code	Closely Related Occupations
081	Dental Hygienists	921	Dental Assistants

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MEDICAL TECHNOLOGY Code: 140710	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD	
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	
Market Ready Supply Expected 1980 Total Expected Job Openings in Texas	420 460 - 560	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	24%	
In Closely Related Occupations	27%	
In Generally Related Occupations	49%	

LISTING OF OCCUPATIONS RELATED TO MEDICAL TECHNOLOGY

Code	Directly Related Occupations
080	Clinical Laboratory Technologists, Technicians

Code	Closely Related Occupations
082	Health Record Technologists, Techns.
083	Radiologic Technologists, Techns.
085	Health Technologists and Technicians
195	Research Workers
212	Health Administrators

Code	Generally Related Occupations
084	Therapy Assistants
194	Medical Writers & Illustrators
922	Health Aides
921	Dental Assistants

(See page 6 for additional occupations)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: HOSPITAL HEALTH CARE ADMINISTRATION Code: 140900	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	85	95
Total Expected Job Openings in Texas	105 - 125	115 - 135
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	76%	79%
In Closely Related Occupations	4%	8%
In Generally Related Occupations	20%	13%

LISTING OF OCCUPATIONS RELATED TO HOSPITAL HEALTH CARE ADMINISTRATION

Code	Directly Related Occupations
212	Health Administrators

Code	Closely Related Occupations
082	Health Records Technologists, Techns.
140	College and University Teachers (Grad only)
245	Managers and Administrators
085	Other Health Technologists, Techns.
222	Officials and Public Administrators

Code	Generally Related Occupations

(See page 6 for listing)

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: LIBRARY SCIENCE Code: 100100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	20	205
Total Expected Job Openings in Texas	15 - 20	210 - 255
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	78%	78%
In Closely Related Occupations	0%	8%
In Generally Related Occupations	22%	14%

LISTING OF OCCUPATIONS RELATED TO LIBRARY SCIENCE

Code	Directly Related Occupations
032	Librarians
330	Library Attendants and Assistants

Code	Closely Related Occupations
033	Archivists and Curators
195	Research Workers
240	School Administrators, Elem. & Sec.

Code	Generally Related Occupations
362	Proofreaders

(See page 6 for additional occupations)

COMMENTS: Librarians include: information scientist, library systems analyst, information broker, indexer and abstractor and audio-visual media specialist.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PHARMACY Code: 150100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	300	15
Total Expected Job Openings in Texas	315 - 380	15 - 20
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	94%	100%
In Closely Related Occupations	6%	0%
In Generally Related Occupations	0%	0%

LISTING OF OCCUPATIONS RELATED TO PHARMACY

Code	Directly Related Occupations	Code	Closely Related Occupations
064	Pharmacists	195	Research Workers
140	College and University Teachers (Grad only)	045	Chemists

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPCRT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: SOCIAL SERVICES/ SOCIAL WORK Code: 190100	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment Opportunities for Program Graduates	COMPETITIVE	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	315	220
Total Expected Job Openings in Texas	235 - 280	210 - 255
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	93%	98%
In Closely Related Occupations	7%	2%
In Generally Related Occupations	0%	0%

LISTING OF OCCUPATIONS RELATED TO SOCIAL SERVICES/SOCIAL WORK

Code	Directly Related Occupations	Code	Closely Related Occupations
100	Social Workers	096	Social Scientists
954	Welfare Service Aides	140	College and University Teachers (Grad only)
942	Child Care Workers, exc. Private Household	212	Health Administrators/Workers
		056	Personnel Labor Relations
		174	Vocational and Educational Counselors
		222	Officials and Public Administrators

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 1: TEXAS SENIOR COLLEGE AND UNIVERSITY PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: TECHNOLOGY Code: 190000	Baccalaureate Degree	Professional or Graduate Degree
Short Term Employment for Program Graduates	VERY GOOD	
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	
Market Ready Supply Expected 1980	470	
Total Expected Job Openings in Texas	565 - 690	
Percent of Job Openings Expected 1980:	About:	About:
In Directly Related Occupations	21%	
In Closely Related Occupations	54%	
In Generally Related Occupations	25%	

LISTING OF OCCUPATIONS RELATED TO TECHNOLOGY

Code	Directly Related Occupations
013	Industrial Engineers
145	Teachers, exc. College & University
152	Drafters
153	Electrical, Electronic Engr. Techns.
154	Industrial Engr. Techns.
155	Mechanical Engr. Techns.
162	Engineering & Science Techns.
173	Other Technicians

Code	Closely Related Occupations
171	Radio Operators
452	Inspectors
163	Airplane Pilots

Code	Generally Related Occupations
441	Blue Collar Supervisors

(See page 6 for additional occupations)

COMMENTS:

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SUMMARY DATA OF JOB OPPORTUNITIES FOR TEXAS VOCATIONAL PROGRAMS

Short Term Job Opportunity	Number of Vocational Programs			
	Less Than 2 Year Program		2 or 3 Year Programs	
Excellent	4	(2)	4	(3)
Very Good	46	(47)	56	(51)
Good	43	(43)	28	(34)
Competitive	7	(8)	3	(3)
Keenly Competitive	0	(0)	0	(0)
TOTAL PROGRAMS	100	(100)	91	(91)

Number in parenthesis indicates the number of programs which appeared in each category in the March 1978 Report.

SUMMARY OF OCCUPATIONAL OPENINGS AND MARKET-READY VOCATIONAL PROGRAM SUPPLY IN TEXAS, 1980

Expected Occupational Openings for Texas (Demand)	**57,940 - 69,360
Market-Ready Supply	**48,520
* Ratio: $\frac{\text{Demand - Supply}}{\text{Supply}}$	+.20 to +.43
* Rating Derived from Ratio:	Very Good to Excellent

* See Page 3 for relation between numerical ratios and descriptive ratings.

** These totals are only representative of the programs covered in this supplement - or about 80% of the total vocational supply and demand.

Notes to Table 2

(1) The expected 1980 occupational openings for Texas are expressed as a range. The low end of this range includes a factor for net in-migration. This means that if historical patterns of job seekers migrating to Texas continue, the number of jobs available to graduates of Texas institutions could reach the lower range.

(2) Available statistical data do not permit the breakout of openings and market-ready supply by separate levels (less than two year and two or three year programs). Statistical comparisons shown in Table 2 are combined for both levels.

(3) Many technical and craft occupations are directly related to a number of vocational programs. For example, occupational openings for drafters and electronics technicians are distributed among various vocational programs. Refer to the **Comments** section in Table 2 for cross-referencing of occupations and programs.

(4) The following programs do not appear in the current update because the supply and demand numbers produced less than 15.

Records Management
Shoe Repair
Scientific Data Processing
Technical Illustration
Sewing Machine Repair
Farm Machinery Mechanics
Seed Processing

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: GENERAL BUSINESS Code: 5822	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	665
Total Expected Job Openings in Texas	880 - 1,080
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	23%
In Closely Related Occupations	66%
In Generally Related Occupations	11%

LISTING OF OCCUPATIONS RELATED TO GENERAL BUSINESS

Code	Directly Related Occupations
220	Other Office Managers
312	Other Clerical Supervisors

Code	Closely Related Occupations
305	Bookkeepers
372	Secretaries, Other
394	Misc. Clerical Workers, Other
245	Other Managers and Administrators

Code	Generally Related Occupations
303	Billing Clerks
280	Other Sales and Sales Workers

COMMENTS: *The program title used in the March 1978 report was: Business and Commerce Technologies, General.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ACCOUNTING AND COMPUTING* Code: 5821	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	1,345	
Total Expected Job Openings in Texas	1,500 - 1,780	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	24%	
In Closely Related Occupations	75%	
In Generally Related Occupations	1%	

LISTING OF OCCUPATIONS RELATED TO ACCOUNTING AND COMPUTING

Code	Directly Related Occupations
001	Accountants
305	Bookkeepers

Code	Closely Related Occupations
341	Bookkeeping and Billing Operators
360	Payroll, Timekeepng Clerks
201	Assessors, Controllers, and Treasurers

Code	Generally Related Occupations
271	Stock and Bond Sales Agents

COMMENTS: Bookeepers also listed under: 5822, Business and Commerce Technologies, General; 5823, General Office Clerical; 5824, Stenographic and General Secretarial.

*The program title used in the March 1978 Report was: Accounting Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: BANKING, CREDIT AND Code: 5626, 5421 COLLECTIONS*	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	435
Total Expected Job Openings in Texas	630 - 750

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	64%
In Closely Related Occupations	22%
In Generally Related Occupations	14%

LISTING OF OCCUPATIONS RELATED TO BANK AND FINANCE TECHNOLOGIES

Code	Directly Related Occupations
301	Bank Tellers
210	Credit Managers
313	Collectors, Bill and Account

Code	Generally Related Occupations
342	Calculating Machine Operators
350	Tabulating Machine Operators
245	Other Managers and Administrators
321	Other Estimators, Investigators

Code	Closely Related Occupations
341	Bookkeeping, Billing Operators

COMMENTS: Bank Tellers account for 234 of the job openings allocated to this program area.
Credit Managers also listed under: 5423, Real Estate.
*The program title used in the March 1978 Report was: Banking and Finance Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: COMMERCIAL Code: 5422 TRANSPORTATION	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	295	
Total Expected Job Openings in Texas	400 - 490	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	29%	
In Closely Related Occupations	58%	
In Generally Related Occupations	13%	

LISTING OF OCCUPATIONS RELATED TO COMMERCIAL TRANSPORTATION

Code	Directly Related Occupations
715	Truck Drivers
703	Bus Drivers
714	Taxicab Drivers, Chauffeurs
323	Expediters, Production Controllers
321	Other Estimators, Investigators

Code	Generally Related Occupations
390	Ticket Station, Express Agents
710	Other Rail Vehicle Operatives
706	Fork Lift, Tow Motor Operatives

Code	Closely Related Occupations
315	Dispatchers, Starter, Vehicle
705	Delivery and Route Workers
455	Locomotive Engineers
931	Flight Attendants

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good.
Truck Drivers also listed under: 6250, Truck and Heavy Equipment Operator.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: FASHION Code: 5623 MERCHANDISING	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	660	
Total Expected Job Openings in Texas	930 - 1,140	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	7%	
In Closely Related Occupations	86%	
In Generally Related Occupations	7%	

LISTING OF OCCUPATIONS RELATED TO FASHION MERCHANDISING

Code	Directly Related Occupations
205	Buyers, Wholesale, Retail
231	Sales Manager, Retail Trade

Code	Closely Related Occupations
262	Demonstrators
280	Other Sales and Sales Workers

Code	Generally Related Occupations
381	Stock Clerks, Store Keepers

COMMENTS: Sales and Sales Workers account for 789 of the job openings, and this includes sales in areas other than the fashion merchandising field.

Buyers, Wholesale, Retail also listed under: 5224, Fashion Design; 5225, Interior Design; 5621, Mid-Management; 5624, Food Marketing.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: FOOD MARKETING Code: 5624	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	100
Total Expected Job Openings in Texas	180 - 220

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	57%
In Closely Related Occupations	10%
In Generally Related Occupations	33%

LISTING OF OCCUPATIONS RELATED TO FOOD MARKETING

Code	Directly Related Occupations
205	Buyers, Wholesale, Retail
230	Restaurant, Cafe and Bar Managers

Code	Closely Related Occupations
231	Sales Manager, Retail Trade
381	Stock Clerks, Store Keepers
310	Cashiers
631	Meat Cutters, Butchers, Exp. Mfg.
634	Meat Wrappers, Retail Trade

Code	Generally Related Occupations
280	Other Sales and Sales Workers
452	Inspectors, Other

COMMENTS: Restaurant, Cafe and Bar Managers also listed under: 5223, Dietician Aide; 5424, 5425, Hotel and Restaurant Technologies; 6226, Cook/Chef.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: INDUSTRIAL MANAGEMENT Code: 7621	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers		VERY GOOD
Expected Change in Employment Opportunities through 1983		SOME IMPROVEMENT
Market Ready Supply Expected 1980		55
Total Expected Job Openings in Texas		60 - 75

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	37%
In Closely Related Occupations	63%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO INDUSTRIAL MANAGEMENT

Code	Directly Related Occupations	Code	Closely Related Occupations
441	Other Blue Collar Worker Supervisors	245	Other Managers and Administrators
154	Industrial Engineering Technicians	215	Inspectors, Except Const. Public

COMMENTS: Industrial Engineering Technicians also listed under: 6244, 8436, Sanitation and Public Health Inspection Technologies; 8622, Drafting and Design Technologies; 8824, Electronics Technology.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: COURT REPORTING Code: 5829	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME DECLINE	SOME IMPROVEMENT (D)*

Market Ready Supply Expected 1980	250
Total Expected Job Openings in Texas	220 - 260

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	5%
In Closely Related Occupations	95%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO COURT REPORTING

Code	Directly Related Occupations
370	Secretaries, Legal

Code	Closely Related Occupations
376	Stenographers
371	Secretaries, Medical

Code	Generally Related Occupations
372	Secretaries, Other
394	Other Misc. Clerical Workers

COMMENT: *Indicates change from previous report: (D) rating in last report was Some Decline. Secretaries, Legal also listed under: 5824, Stenographic and General Secretarial; 5825, Specialized Secretarial; 5828, Legal Assistant.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: GENERAL OFFICE CLERICAL Code: 5823	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD (G)*	VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT (S)*
Market Ready Supply Expected 1980	1,960	
Total Expected Job Openings in Texas	2,295 - 2,720	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	78%	
In Closely Related Occupations	17%	
In Generally Related Occupations	5%	

LISTING OF OCCUPATIONS RELATED TO GENERAL OFFICE CLERICAL

Code	Directly Related Occupations
325	File Clerks
372	Secretaries, Other
391	Typists

Code	Closely Related Occupations
305	Bookkeepers
394	Misc. Clerical Workers, Other
360	Payroll, Timekeeping Clerks
355	Other Office Machine Operators
345	Key Punch Operators

Code	Generally Related Occupations
332	Mail Handlers, Except Post Office
344	Duplicating Machine Operators

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good and (S) rating in last report was About the Same.
Secretaries, Other also listed under: 5822, Business and Commerce Technologies, General; 5824, Stenographic and General Secretarial; 5825, Specialized Secretarial; 5827, Medical Record; 5829, Court Reporting; 8026, Medical Assistant and Medical Office Assistant Technologies; 9424, Library Assistant.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: COSMETOLOGY* Code: 6227	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	640
Total Expected Job Openings in Texas	770 - 940
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	78%
In Closely Related Occupations	9%
In Generally Related Occupations	13%

LISTING OF OCCUPATIONS RELATED TO COSMETOLOGY

Code	Directly Related Occupations
944	Hairdressers, Cosmetologists

Code	Closely Related Occupations
231	Sales Managers, Retail Trade

Code	Generally Related Occupations
280	Other Sales and Sales Workers

COMMENTS: *The program title used in the March 1978 Report was: Personal Service Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PHOTOGRAPHY Code: 6239	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	COMPETITIVE	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	175
Total Expected Job Openings in Texas	105 - 125

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	100%
In Closely Related Occupations	0%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO PHOTOGRAPHY

Code	Directly Related Occupations
191	Photographers
645	Photographic Process Workers

COMMENTS: The following are included in Photographers; medical, commercial, industrial and portrait photographers, photojournalist, audio-visual productionist, and lithographer camera operator.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: RADIO – TV PRODUCTION AND TECHNICAL COMMUNICATION** Code: 7421 8434	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD (C)*	GOOD (C)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	715
Total Expected Job Openings in Texas	545 - 645
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	44%
In Closely Related Occupations	8%
In Generally Related Occupations	48%

LISTING OF OCCUPATIONS RELATED TO RADIO – TV PRODUCTION AND TECHNICAL COMMUNICATION

Code	Directly Related Occupations
171	Radio Operators
184	Editors and Reporters
193	Radio and TV Announcers
385	Telephone Operators

Code	Generally Related Occupations
191	Photographers
192	Public Relations Specialists
245	Other Managers and Administrators

Code	Closely Related Occupations
153	Electrical, Electronic Technicians
505	Motion Picture Projectionists

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive.
** The program title used in the March 1978 Report was: Communication and Broadcasting Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PRINTING* Code: 6238	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	375	
Total Expected Job Openings in Texas	570 - 660	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	50%	
In Closely Related Occupations	38%	
In Generally Related Occupations	12%	

LISTING OF OCCUPATIONS RELATED TO PRINTING

Code	Directly Related Occupations
530	Printing Press Operators, Apprentices
515	Photoengravers, Lithographers
422	Compositers and Typesetters

Code	Closely Related Occupations
405	Bookbinders
434	Electrotypers, Sterotypers
435	Engravers, Except Photoengravers

Code	Generally Related Occupations
362	Proofreaders
694	Other Operatives

COMMENTS: * The program title used in the March 1978 Report was: Printing and Lithography Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: HOTEL/MOTEL AND RESTAURANT MANAGEMENT* Code: 5424, 5425	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	135	
Total Expected Job Openings in Texas	150 - 180	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	50%	
In Closely Related Occupations	40%	
In Generally Related Occupations	10%	

LISTING OF OCCUPATIONS RELATED TO HOTEL/MOTEL AND RESTAURANT MANAGEMENT

Code	Directly Related Occupations
245	Other Managers and Administrators
216	Managers, Superintendents, Buildings
230	Restaurant, Cafe and Bar Managers

Code	Closely Related Occupations
914	Food Counter, Fountain Workers
940	Boarding, Lodging Housekeepers

Code	Generally Related Occupations
910	Bartenders
915	Waiters and Waitresses

COMMENTS: Managers, Superintendents, Buildings also listed under: 5423, Real Estate; 7622, Construction Management; 8425, Construction Technology.

* The program title used in the March 1978 Report was: Hotel and Restaurant Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: COMMERCIAL ART Code: 6224	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	COMPETITIVE	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	245
Total Expected Job Openings in Texas	220 - 260

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	41%
In Closely Related Occupations	53%
In Generally Related Occupations	6%

LISTING OF OCCUPATIONS RELATED TO COMMERCIAL ART

Code	Directly Related Occupations
190	Painters and Sculptors
194	Writers, Artists and Entertainers, Other
183	Designers

Code	Closely Related Occupations
425	Decorators, Window Dressers
191	Photographers
543	Sign Painters and Letters
422	Compositors and Typesetters

Code	Generally Related Occupations
645	Photographic Process Workers
530	Printing Press Operators, Apprentices

COMMENTS: Examples of occupations included in Writers and Artists, Others are: Illustrators, TV graphics, layout artists for newspapers, paste-up/production artists. Examples of occupations included in Designers are: designer for print shop, advertising designer, package designer.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: FASHION DESIGN Code: 5224	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	70	
Total Expected Job Openings in Texas	65 - 80	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	8%	
In Closely Related Occupations	92%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO FASHION DESIGN

Code	Directly Related Occupations	Code	Closely Related Occupations
183	Designers	205	Buyers, Wholesale, Retail
		444	Furriers
		613	Dressmakers, Except Factory
		280	Other Sales and Sales Workers

COMMENTS: Designers also listed under: 5225, Interior Design; 6224, Commercial Art; 6229, Drafting, 6233, Jewelry Craft; 6821, Architectural Drafting Technologies; 8622, Drafting and Design Technologies, 8623, Technical Illustration; 9425, Instructional Media.

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: INSTRUCTIONAL MEDIA Code: 9425	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	55	
Total Expected Job Openings in Texas	40 - 50	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	87%	
In Closely Related Occupations	13%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO INSTRUCTIONAL MEDIA

Code	Directly Related Occupations	Code	Closely Related Occupations
183	Designers	152	Drafters
191	Photographers	505	Motion Picture Projectionists
194	Other Writers, Artists, and Entertainers		

COMMENTS: Other Writers, Artists, and Entertainers also listed under: 6224, Commercial Art.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1 1979 Valid until March 31, 1981

Program Area: INTERIOR DESIGN Code: 5225	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	180	
Total Expected Job Openings in Texas	150 - 170	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	9%	
In Closely Related Occupations	71%	
In Generally Related Occupations	20%	

LISTING OF OCCUPATIONS RELATED TO INTERIOR DESIGN

Code	Directly Related Occupations
183	Designers

Code	Closely Related Occupations
205	Buyers, Wholesale, Retail
152	Drafters
425	Decorators, Window Dressers
026	Home Management Advisors
231	Sales Manager, Retail Trade

Code	Generally Related Occupations
280	Other Sales and Sales Workers

COMMENTS: Designers also listed under: 5224, Fashion Design; 6224, Commercial Art; 6229, Drafting; 6233, Jewelry Craft; 6821, Architectural Drafting Technologies; 8622, Drafting and Design Technologies; 8623, Technical Illustration; 9425, Instructional Media.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: JEWELRY CRAFT Code: 6233	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	
Market Ready Supply Expected 1980	135	
Total Expected Job Openings in Texas	100 - 120	
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations	14%	
In Closely Related Occupations	0%	
In Generally Related Occupations	86%	

LISTING OF OCCUPATIONS RELATED TO JEWELRY CRAFT

Code	Directly Related Occupations
183	Designers
453	Jewelers and Watchmakers

Code	Closely Related Occupations

Code	Generally Related Occupations
264	Hucksters and Peddlers
280	Other Sales and Sales Workers

COMMENTS: Approximately 85% of the job openings for this program are in the occupations Sales and Sales Workers and Hucksters and Peddlers.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: LEGAL ASSISTANT Code: 5828	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	100
Total Expected Job Openings in Texas	170 - 200
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	5%
In Closely Related Occupations	95%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO LEGAL ASSISTANT

Code	Directly Related Occupations	Code	Closely Related Occupations
195	Research Workers, Other	245	Other Managers and Administrators
		370	Secretaries, Legal

COMMENTS:

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DATA PROCESSING Code: 6021 PROGRAMMER	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	1,045
Total Expected Job Openings in Texas	1,210 - 1,450
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	44%
In Closely Related Occupations	56%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO DATA PROCESSING PROGRAMMER

Code	Directly Related Occupations	Code	Closely Related Occupations
003	Computer Programmers	345	Keypunch Operator
004	Computer Systems Analysts	245	Other Managers and Administrators
005	Other Computer Specialists	375	Statistical Clerks
343	Computer, Peripheral Equipment Operators		

COMMENTS: Computer Programmers also listed under: 9021, Scientific Data Processing
Other Computer Specialists also listed under: 8824, Electronics Technology; 9021, Scientific Data Processing.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: COMPUTER AND CONSOLE OPERATOR** Code: 6022	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD (VG)*
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT (S)*	SOME IMPROVEMENT (S)*
Market Ready Supply Expected 1980	520	
Total Expected Job Openings in Texas	495 - 590	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	68%	
In Closely Related Occupations	31%	
In Generally Related Occupations	1%	

LISTING OF OCCUPATIONS RELATED TO COMPUTER AND CONSOLE OPERATOR

Code	Directly Related Occupations
343	Computer and Peripheral Equipment Operators
345	Keypunch Operators

Code	Closely Related Occupations
375	Statistical Clerks

Code	Generally Related Occupations
475	Data Processing Machine Repairers

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good and (S) rating in last report was About the Same.

** The program title used in the March 1978 Report was: Computer Operator and Peripheral Equipment Operation Technologies.

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: EMERGENCY MEDICAL TECHNICIANS Code: 8040	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	20
Total Expected Job Openings in Texas	30 - 35

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	25%
In Closely Related Occupations	75%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO EMERGENCY MEDICAL TECHNICIANS

Code	Directly Related Occupations	Code	Closely Related Occupations
085	Other Health Technologists, Technicians	922	Health Aides, Except Nursing
		925	Nurses Aides, Orderlies

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: NURSE AIDE Code: 7822	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	1,900
Total Expected Job Openings in Texas	2,155 - 2,635
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	76%
In Closely Related Occupations	0%
In Generally Related Occupations	24%

LISTING OF OCCUPATIONS RELATED TO NURSE AIDE

Code	Directly Related Occupations
925	Nurses Aides, Orderlies

Code	Closely Related Occupations

Code	Generally Related Occupations
085	Other Health Technologists, Technicians
394	Other Misc. Clerical Workers
311	Clerical Assistants, Social Welfare

COMMENTS:

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DENTAL ASSISTANT Code: 8023	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD (VG)*	GOOD (VG)*
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	515
Total Expected Job Openings in Texas	470 - 575
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	82%
In Closely Related Occupations	18%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO DENTAL ASSISTANT

Code	Directly Related Occupations	Code	Closely Related Occupations
921	Dental Laboratory Assistants	426	Dental Laboratory Technicians
		922	Health Aides, Except Nursing

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DENTAL HYGIENE Code: 8034	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers		VERY GOOD
Expected Change in Employment Opportunities through 1983		SOME IMPROVEMENT
Market Ready Supply Expected 1980		145
Total Expected Job Openings in Texas		135 - 160
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations		78%
In Closely Related Occupations		22%
In Generally Related Occupations		0%

LISTING OF OCCUPATIONS RELATED TO DENTAL HYGIENE

Code	Directly Related Occupations	Code	Closely Related Occupations
081	Dental Hygienists	426	Dental Laboratory Technicians
		922	Health Aides, Except Nursing

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MEDICAL LABORATORY Code: 8027, 8028 ASSISTANT/TECHNICIAN*	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	665
Total Expected Job Openings in Texas	700 - 835

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	37%
In Closely Related Occupations	63%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO MEDICAL LABORATORY ASSISTANT/TECHNICIAN

Code	Directly Related Occupations	Code	Closely Related Occupations
080	Clinical Lab Technologists and Technicians	085	Other Health Technologists and Tech.
		150	Agricultural, Biological Technicians
		195	Other Research Workers
		922	Health Aides, Except Nursing
		925	Nurses Aides, Orderlies

COMMENTS: *The program title used in the March 1978 Report was: Medical and Biological Laboratory Assistant Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ANIMAL MEDICAL ASSISTANT TECHNOLOGY** Code: 5023	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD (VG)*	GOOD (VG)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	90	
Total Expected Job Openings in Texas	125 - 140	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	22%	
In Closely Related Occupations	74%	
In Generally Related Occupations	4%	

LISTING OF OCCUPATIONS RELATED TO ANIMAL MEDICAL ASSISTANT TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
150	Agricultural, Biological Technicians	085	Other Health Technologists & Techns.
740	Animal Caretakers, Except Farm		

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good. Agricultural, Biological Technicians also listed under: 5029, Seed Processing; 8027, 8028, Medical and Biological Laboratory Assistant Technologies.

**The program title used in the March 1978 Report was: Animal Laboratory Assistant Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: RADIOLOGIC Code: 8033 TECHNOLOGY	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	EXCELLENT
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	350	
Total Expected Job Openings in Texas	330 - 400	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	54%	
In Closely Related Occupations	46%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO RADIOLOGIC TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
083	Radiologic Technologists and Technicians	076	Therapists
		080	Clinical Lab. Technologists and Technicians
		922	Health Aides, Except Nursing

COMMENTS:

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ASSOCIATE DEGREE, Code: 8021 NURSING (R.N.) *	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	1,800	
Total Expected Job Openings in Texas	2,455 - 2,940	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	66%	
In Closely Related Occupations	34%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO ASSOCIATE DEGREE NURSING (R.N.)

Code	Directly Related Occupations	Code	Closely Related Occupations
075	Registered Nurses	926	Practical Nurses
085	Other Health Technologists, Technicians		

Code	Generally Related Occupations
942	Child Care Workers, Except Private

COMMENTS: *The program title used in the March 1978 Report was: Nursing, R.N.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: VOCATIONAL NURSING* Code: 7821	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	2,653
Total Expected Job Openings in Texas	3,645 - 4,455

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	100%
In Closely Related Occupations	0%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO VOCATIONAL NURSING

Code	Directly Related Occupations	Code	Closely Related Occcupations
926	Practical Nurses		

Code	Generally Related Occupations
942	Child Care Workers, Except Private

COMMENTS: *The program title used in the March 1978 Report was: Nursing, Practical.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: OCCUPATIONAL THERAPY Code: 8030	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers		GOOD (VG)*
Expected Change in Employment Opportunities through 1983		SOME IMPROVEMENT

Market Ready Supply Expected 1980	70
Total Expected Job Openings in Texas	60 - 65

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	100%
In Closely Related Occupations	0%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO OCCUPATIONAL THERAPY

Code	Directly Related Occupations	Code	Closely Related Occupations
076	Therapists	085	Other Health Technologists, Tech.
084	Therapy Assistants	922	Health Aides, Except Nursing
		925	Nurses Aides, Orderlies

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good.
Therapists also listed under: 8025, Inhalation Therapy Technologies; 8032, Physical Therapy Technologies; 8033, Radiologic Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: OPERATING ROOM TECHNOLOGY* Code: 8031	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	155
Total Expected Job Openings in Texas	155 - 185
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	28%
In Closely Related Occupations	72%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO OPERATING ROOM TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
085	Other Health Technologists, Technicians	080	Clinical Lab. Technologists, Techns.
		925	Nurses Aides, Orderlies

COMMENTS: *The program title used in the March 1978 Report was: Surgical Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: OPTHALMIC DISPENSING* Code: 8037	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	EXCELLENT	EXCELLENT
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	60	
Total Expected Job Openings in Texas	85 - 100	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	0%	
In Closely Related Occupations	100%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO OPTHALMIC DISPENSING

Code	Directly Related Occupations	Code	Closely Related Occupations
		506	Opticians, Lens Grinders and Polishers
		085	Other Health Technologists, Techns.
		922	Health Aides, Except Nursing

COMMENTS: *The program title used in the March 1978 Report was: Optical Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MEDICAL RECORDS/ Code: 5827 MEDICAL TRANSCRIPTION*	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	270
Total Expected Job Openings in Texas	300 - 360
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	19%
In Closely Related Occupations	75%
In Generally Related Occupations	6%

LISTING OF OCCUPATIONS RELATED TO MEDICAL RECORDS/MEDICAL TRANSCRIPTION

Code	Directly Related Occupations	Code	Closely Related Occupations
082	Health Record Technologies, Technician	371	Secretaries, Medical
		372	Secretaries, Other
		245	Other Managers and Administrators

COMMENTS: Health Record Technologies, Technician also listed under: 5825, Specialized Secretarial; 8026, Medical Assistant and Medical Office Assistant Technologies.

*The program title used in the March 1978 Report was: Medical Record Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MEDICAL ASSISTING TECHNOLOGY* Code: 8026	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	1,060
Total Expected Job Openings in Texas	1,100 - 1,480

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	0%
In Closely Related Occupations	99%
In Generally Related Occupations	1%

LISTING OF OCCUPATIONS RELATED TO MEDICAL ASSISTING TECHNOLOGY

Code	Directly Related Occupations

Code	Closely Related Occupations
085	Health Technologists
371	Secretaries, Medical
082	Health Records Technologists, Tech.
922	Health Aides, Except Nursing
925	Nurses Aides, Orderlies

Code	Generally Related Occupations
372	Secretaries, Other

COMMENTS: *The program title used in the March 1978 Report was: Medical Assistant and Medical Office Assistant Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: RESPIRATORY THERAPY Code: 8025 TECHNOLOGY*	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	180
Total Expected Job Openings in Texas	180 - 215

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	86%
In Closely Related Occupations	14%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO RESPIRATORY THERAPY TECHNOLOGY

Code	Directly Related Occupations
076	Therapists
084	Therapy Assistants

Code	Closely Related Occupations
080	Clinical Lab Technologists, Techns.
922	Health Aides, Except Nursing

Code	Generally Related Occupations
085	Other Health Technologists, Technicians

COMMENTS: Therapists also listed under: 8030, Occupational Therapy Technologies; 8032, Physical Therapy Technologies; 8033 Radiologic Technologies.

*The program title used in the March 1978 Report was: Inhalation Therapy Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MENTAL HEALTH Code: 8029 TECHNOLOGY*	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	250
Total Expected Job Openings in Texas	210 - 250
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	34%
In Closely Related Occupations	66%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO MENTAL HEALTH TECHNOLOGY

Code	Directly Related Occupations
085	Other Health Technologists, Tech.

Code	Closely Related Occupations
922	Health Aides, Except Nursing
925	Nurses Aides, Orderlies

Code	Generally Realted Occupations
311	Clerical Assistants, Social Welfare

COMMENTS: *The program title used in the March 1978 Report was: Psychiatric Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: HEALTH CARE AND NURSING Code: 8222, 8221 HOME MANAGEMENT*	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	50	
Total Expected Job Openings in Texas	95 - 115	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	68%	
In Closely Related Occupations	31%	
In Generally Related Occupations	1%	

LISTING OF OCCUPATIONS RELATED TO HEALTH CARE AND NURSING HOME MANAGEMENT

Code	Directly Related Occupations
212	Health Administrators

Code	Closely Related Occupations
245	Other Managers and Administrators

Code	Generally Related Occupations
926	Practical Nurses

COMMENTS: *The program title used in the March 1978 Report was: Institutional Management Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PHYSICAL THERAPY TECHNOLOGY* Code: 8032	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers		VERY GOOD
Expected Change in Employment Opportunities through 1983		ABOUT THE SAME
Market Ready Supply Expected 1980		80
Total Expected Job Openings in Texas		95 - 110
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations		71%
In Closely Related Occupations		29%
In Generally Related Occupations		0%

LISTING OF OCCUPATIONS RELATED TO PHYSICAL THERAPY TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
076	Therapists	922	Health Aides, Except Nursing
084	Therapy Assistants		

Code	Generally Related Occupations
925	Nurses Aides, Orderlies

COMMENTS: Therapists also listed under: 8025, Inhalation Therapy Technologies; 8030, Occupational Therapy Technologies; 8033, Radiologic Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: AIRFRAME AND POWER MECHANICS Code: 6621	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	ABOUT THE SAME (I)*

Market Ready Supply Expected 1980	485
Total Expected Job Openings in Texas	470 - 545

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	90%
In Closely Related Occupations	0%
In Generally Related Occupations	10%

LISTING OF OCCUPATIONS RELATED TO AIRFRAME AND POWER MECHANICS

Code	Directly Related Occupations
471	Aircraft Mechanics

Code	Closely Related Occupations

Code	Generally Related Occupations
535	Sheet Metal Workers and Apprentices
491	Other Mechanics and Apprentices

COMMENTS: *Indicates change from previous report: (I) rating in last report was Some Improvement.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: AVIATION Code: 5622 MANAGEMENT	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	
Market Ready Supply Expected 1980	45	
Total Expected Job Openings in Texas	70 - 90	
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations	32%	
In Closely Related Occupations	68%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO AVIATION MANAGEMENT

Code	Directly Related Occupations	Code	Closely Related Occupations
245	Other Managers and Administrators	390	Ticket Station, Express Agents
		280	Other Sales and Sales Workers
		931	Flight Attendants
		163	Airplane Pilots
		471	Aircraft Mechanics

COMMENTS:

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: COMMERCIAL PILOT Code: 9221	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	125
Total Expected Job Openings in Texas	140 - 165
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	76%
In Closely Related Occupations	14%
In Generally Related Occupations	10%

LISTING OF OCCUPATIONS RELATED TO COMMERCIAL PILOT

Code	Directly Related Occupations
163	Airplane Pilots

Code	Closely Related Occupations
164	Air Traffic Controllers
145	Other Teachers, Except College, Univ.

Code	Generally Related Occupations
280	Other Sales and Sales Workers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DRAFTING Code: 6229	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	430
Total Expected Job Openings in Texas	455 - 545

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	63%
In Closely Related Occupations	37%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO DRAFTING

Code	Directly Related Occupations	Code	Closely Related Occupations
152	Drafters	162	Other Engineering Science Techns.
183	Designers	543	Sign Painters, Tellers
		514	Pattern and Model Makers

COMMENTS: Drafters also listed under: 8427, Mechanical Technology; 8841, Engineering Technology; 8621, Architectural Drafting Technologies; 8622, Drafting and Design Technologies; 8623, Technical Illustration; 9425, Instructional Media.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DRAFTING AND DESIGN TECHNOLOGY Code: 8622	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	660	
Total Expected Job Openings in Texas	725 - 870	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	80%	
In Closely Related Occupations	18%	
In Generally Related Occupations	2%	

LISTING OF OCCUPATIONS RELATED TO DRAFTING AND DESIGN TECHNOLOGY

Code	Directly Related Occupations
183	Designers
152	Drafters

Code	Closely Related Occupations
162	Other Engineering Science Techns.
213	Construction Inspectors, Public
161	Surveyors
154	Industrial Engineering Technicians

Code	Generally Related Occupations
321	Other Estimators, Investigators

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good and (I) rating in last report was Some Improvement.
Drafters also listed under: 6229, Drafting; 8427, Mechanical Technology; 8441, Engineering Technology; 8623, Technical Illustration; 9425, Instructional Media.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ARCHITECTURAL DRAFTING TECHNOLOGY Code: 8621	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	55
Total Expected Job Openings in Texas	60 - 70
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	83%
In Closely Related Occupations	0%
In Generally Related Occupations	17%

LISTING OF OCCUPATIONS RELATED TO ARCHITECTURAL DRAFTING TECHNOLOGY

Code	Directly Related Occupations
152	Drafters
183	Designers

Code	Closely Related Occupations

Code	Generally Related Occupations
161	Surveyors
321	Other Estimators, Investigators

COMMENTS: Drafters also listed under: 6229, Drafting; 8427, Mechanical Technology; 8441, Engineering Technology; 8622, Drafting and Design Technologies; 8623, Technical Illustration; 9425, Instructional Media.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CHEMICAL TECHNOLOGY Code: 8423	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	EXCELLENT (VG)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	165	
Total Expected Job Openings in Texas	205 - 245	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	24%	
In Closely Related Occupations	76%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO CHEMICAL TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
151	Chemical Technicians	162	Other Engineering Science Techns.
		195	Other Research Workers
		215	Inspectors, Except Const. Public
		640	Other Mine Operatives

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PETROLEUM TECHNOLOGY Code: 8431	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	EXCELLENT
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	80
Total Expected Job Openings in Texas	115 - 135
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	25%
In Closely Related Occupations	16%
In Generally Related Occupations	59%

LISTING OF OCCUPATIONS RELATED TO PETROLEUM TECHNOLOGY

Code	Directly Related Occupations
441	Other Blue Collar Workers Supervisors
162	Other Engineering Science Technicians

Code	Closely Related Occupations
215	Inspectors, Except Const. Public.
151	Chemical Technicians

Code	Generally Related Occupations
640	Other Mine Operatives

COMMENTS:

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: AUTO BODY REPAIR Code: 6421	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	395
Total Expected Job Openings in Texas	425 - 495
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	25%
In Closely Related Occupations	65%
In Generally Related Occupations	10%

LISTING OF OCCUPATIONS RELATED TO AUTO BODY REPAIR

Code	Directly Related Occupations
472	Automobile Body Repairers

Code	Closely Related Occupations
401	Automobile Accessories Installers
680	Welders and Flame Cutters
644	Painters, Manufacturing Articles
623	Garage Workers, Gas Station Attendants.

Code	Generally Related Occupations
321	Other Estimators, Investigators

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: AUTO MECHANICS Code: 6422	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	1,955
Total Expected Job Openings in Texas	2,365 - 2,715

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	59%
In Closely Related Occupations	28%
In Generally Related Occupations	13%

LISTING OF OCCUPATIONS RELATED TO AUTO MECHANICS

Code	Directly Related Occupations
473	Automobile Mechanics and Apprentices

Code	Closely Related Occupations
481	Heavy Equipment Mechanics Including Diesel
231	Sales Managers, Retail Trade
401	Automobile Accessories Installers
480	Farm Implement Mechanics

Code	Generally Related Occupations
472	Automobile Body Repairers
441	Other Blue Collar Workers Supervisors

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: AUTOMOTIVE PARTS Code: 6425 SPECIALISTS	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	95
Total Expected Job Openings in Texas	135 - 160

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	81%
In Closely Related Occupations	19%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO AUTOMOTIVE PARTS SPECIALIST

Code	Directly Related Occupations	Code	Closely Related Occupations
381	Stock Clerks, Store Keepers	245	Other Managers and Administrators
		280	Other Sales and Sales Workers
		401	Automobile Accessories Installers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DIESEL MECHANICS** Code: 6423	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	EXCELLENT	VERY GOOD
Expected Change in Employment Opportunities through 1983	SAME (I)*	SOME IMPROVEMENT

Market Ready Supply Expected 1980	330
Total Expected Job Openings in Texas	450 - 525

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	69%
In Closely Related Occupations	23%
In Generally Related Occupations	8%

LISTING OF OCCUPATIONS RELATED TO DIESEL MECHANICS

Code	Directly Related Occupations
481	Heavy Equipment Mechanics Including Diesel

Code	Closely Related Occupations
480	Farm Implement Mechanics
473	Automobile Mechanics and Apprentices

Code	Generally Related Occupations
623	Garage Workers, Gas Station Attendant
472	Automobile Body Repairers
471	Aircraft Mechanics
381	Stock Clerks, Store Keepers

COMMENTS: *Indicates change from previous report: (I) rating in last report was Some Improvement.
** The program title used in the March 1978 Report was: Diesel Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: WELDING Code: 6245	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	2,500
Total Expected Job Openings in Texas	2,725 - 3,280

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	61%
In Closely Related Occupations	9%
In Generally Related Occupations	30%

LISTING OF OCCUPATIONS RELATED TO WELDING

Code	Directly Related Occupations
680	Welders and Flame Cutters

Code	Closely Related Occupations
535	Sheet Metal Workers and Apprentices
612	Other Cutting Operatives
660	Riveters and Fasteners
665	Solderers

Code	Generally Related Occupations
522	Plumbers and Pipefitters and Apprentices
441	Other Blue Collar Worker Supervisors
690	Misc. Machine Operatives
280	Other Sales and Sales Workers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CIVIL AND HIGHWAY TECHNOLOGY Code: 8424	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD (G)*	VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	145	
Total Expected Job Openings in Texas	180 - 220	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	71%	
In Closely Related Occupations	23%	
In Generally Related Occupations	6%	

LISTING OF OCCUPATIONS RELATED TO CIVIL AND HIGHWAY TECHNOLOGY

Code	Directly Related Occupations
161	Surveyors

Code	Closely Related Occupations
162	Other Engineering Science Techns.
441	Other Blue Collar Supervisors
605	Surveyors' Helpers

Code	Generally Related Occupations
245	Other Managers & Administrators

COMMENTS: Surveyors also listed under: 8425, Construction Technology; 8435, Surveying Technology; 8621, Architectural Drafting Technologies; 8622, Drafting and Design Technologies.

*Indicates change from previous report: (G) rating in last report was Good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: SURVEYING TECHNOLOGY Code: 8435	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	65	
Total Expected Job Openings in Texas	85 - 100	

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	77%
In Closely Related Occupations	23%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO SURVEYING TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
161	Surveyors	162	Other Engineering Science Techns.
		605	Surveyors' Helpers

COMMENTS: Surveyors also listed under: 8424, Civil and Highway Technology; 8425, Construction Technology; 8621, Architectural Drafting Technologies; 8622, Drafting and Design Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: APPLIANCE SERVICE AND REPAIR Code: 6223	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD (VG)*	VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	ABOUT THE SAME

Market Ready Supply Expected 1980	100
Total Expected Job Openings in Texas	105 - 125

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	89%
In Closely Related Occupations	0%
In Generally Related Occupations	11%

LISTING OF OCCUPATIONS RELATED TO APPLIANCE SERVICE AND REPAIR

Code	Directly Related Occupations	Code	Closely Related Occupations
482	Household Appliance Mechanics		

Code	Generally Related Occupations
280	Other Sales and Sales Workers

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good and (G) rating in last report was Good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ELECTRONICS TECHNOLOGY Code: 8824	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	1,200
Total Expected Job Openings in Texas	1,400 - 1,650

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	25%
In Closely Related Occupations	50%
In Generally Related Occupations	25%

LISTING OF OCCUPATIONS RELATED TO ELECTRONICS TECHNOLOGY

Code	Directly Related Occupations
153	Electrical, Electronics Technicians
475	Data Processing Machine Repairers
485	Radio, Television Repairers

Code	Closely Related Occupations
162	Other Engineering Science Technicians
401	Automobile Accessories Installers
005	Other Computer Specialists
154	Industrial Engineering Technicians
172	Tool Programming, Numerical
470	Air Conditioning, Heating, Refrig.
433	Electrical Power Line Installers

Code	Generally Related Occupations
280	Other Sales and Sales Workers
610	Checkers, Examiners, Manufacturing

COMMENTS: Electrical, Electronics Technicians also listed under: 6241, Radio/Television Repair; 7421, 8434, Communication and Broadcasting Technologies; 8426, Instrumentation Technology; 8441, Engineering Technology; 8821, Electromechanical Technologies; 8822, Electrical Power Technology; 8823, Electrical Technology; 8825, Laser-Electro Optics.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: RADIO/TELEVISION REPAIR Code: 6241	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT (S)*
Market Ready Supply Expected 1980	590	
Total Expected Job Openings in Texas	570 - 660	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	51%	
In Closely Related Occupations	5%	
In Generally Related Occupations	44%	

LISTING OF OCCUPATIONS RELATED TO RADIO/TELEVISION REPAIR

Code	Directly Related Occupations
485	Radio, Television Repairers

Code	Closely Related Occupations
153	Electrical Electronics Technicians
171	Radio Operators
482	Household Appliance Mechanics

Code	Generally Related Occupations
430	Electricians and Apprentices
280	Other Sales and Sales Workers

COMMENTS: *Indicates change from previous report: (S) rating in last report was About the Same.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ELECTROMECHANICAL TECHNOLOGY Code: 8821	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	50	
Total Expected Job Openings in Texas	75 - 85	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	18%	
In Closely Related Occupations	15%	
In Generally Related Occupations	67%	

LISTING OF OCCUPATIONS RELATED TO ELECTROMECHANICAL TECHNOLOGY

Code	Directly Related Occupations
162	Other Engineering Science Technicians
153	Electric Electronic Technicians

Code	Closely Related Occupations
433	Elec. Power Line Install., Repairers

Code	Generally Related Occupations
610	Checkers, Examiners, Manufacturing

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good.
Other Engineering Science Technicians also listed under: 6229, Drafting; 6234, Machine Shop; 6244, 8436, Sanitation and Public Health Inspection Technologies; 8423, Chemical Technology; 8424, Civil and Highway Technology; 8426, Instrumentation Technology; 8428, Marine and Oceanographic Technologies; 8431, Petroleum Technology; 8435, Surveying Technology; 8440, Nuclear Technology; 8441, Engineering Technology; 8622, Drafting and Design Technologies; 8623, Technical Illustration, 8824, Electronics Technology; 8825, Laser-Electro Optics; 9021, Scientific Data Processing.

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ENGINEERING TECHNOLOGY Code: 8441	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	130	
Total Expected Job Openings in Texas	240 - 290	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	100%	
In Closely Related Occupations	0%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO ENGINEERING TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
153	Electrical, Electronic Technicians	162	Other Engineering Science Techns.
545	Stationary Engineers	152	Drafters

COMMENTS: *Indicates change from previous report: (I) rating in last report was Some Improvement. Electrical, Electronic Technicians also listed under: 6241, Radio/Television Repair; 7421, 8434, Communication and Broadcasting Technologies; 8426, Instrumentation Technology; 8821, Electromechanical Technologies; 8822, Electrical Power Technology; 8823, Electrical Technology; 8824, Electronic Technology; 8825, Laser-Electro Optics.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: INSTRUMENTATION TECHNOLOGY Code: 8426	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	100	
Total Expected Job Openings in Texas	115 - 135	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	75%	
In Closely Related Occupations	25%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO INSTRUMENTATION TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
153	Electrical, Electronic Technicians	610	Checkers, Examiners, Manufacturing
162	Other Engineering Science Technicians		

COMMENTS: Electrical, Electronic Technicians also listed under: 6241, Radio/Television Repair; 7421, 8434, Communication and Broadcasting Technologies; 8441, Engineering Technology; 8821, Electromechanical Technologies; 8822, Electrical Power Technology; 8823, Electrical Technology; 8824, Electronic Technology; 8825, Laser-Electro Optics.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MACHINE SHOP Code: 6234	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	790	
Total Expected Job Openings in Texas	830 - 970	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	59%	
In Closely Related Occupations	29%	
In Generally Related Occupations	12%	

LISTING OF OCCUPATIONS RELATED TO MACHINE SHOP

Code	Directly Related Occupations
461	Machinists and Apprentices
561	Tool and Diemakers and Apprentices
650	Drill Press Operatives
651	Grinding Machine Operatives
653	Other Precision Machine Operatives
656	Punch Stamping Press Operatives
454	Job and Die Setters, Metal

Code	Closely Related Occupations
162	Other Engineering Science Techns.
535	Sheet Metal Workers and Apprentices

Code	Generally Related Occupations
621	Filers, Sanders, Polishers, Buffers
491	Other Mechanics and Apprentices

COMMENTS: Machinists and Apprentices also listed under: 8427, Mechanical Technology.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MECHANICAL TECHNOLOGY Code: 8427	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	160
Total Expected Job Openings in Texas	195 - 230

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	12%
In Closely Related Occupations	44%
In Generally Related Occupations	44%

LISTING OF OCCUPATIONS RELATED TO MECHANICAL TECHNOLOGY

Code	Directly Related Occupations
155	Mechanical Engineering Technicians

Code	Closely Related Occupations
172	Tool Programmers, Numerical
461	Machinists and Apprentices
152	Drafters
441	Other Blue Collar Worker Supervisors
452	Inspectors, Other

Code	Generally Related Occupations
602	Assemblers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: NUCLEAR TECHNOLOGY Code: 8440	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers		VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983		SOME IMPROVEMENT
Market Ready Supply Expected 1980		35
Total Expected Job Openings in Texas		70 - 85
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations		27%
In Closely Related Occupations		35%
In Generally Related Occupations		38%

LISTING OF OCCUPATIONS RELATED TO NUCLEAR TECHNOLOGY

Code	Directly Related Occupations
083	Radiologic Technologists, Techns.

Code	Closely Related Occupations
162	Other Engineering Science Techns.
085	Other Health Technologists, Techns.

Code	Generally Related Occupations
640	Other Mine Operatives

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: AIR CONDITIONING AND HEATING Code: 7221	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	1,040
Total Expected Job Openings in Texas	1,000 -1,170

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	22%
In Closely Related Occupations	62%
In Generally Related Occupations	16%

LISTING OF OCCUPATIONS RELATED TO AIR CONDITIONING AND HEATING

Code	Directly Related Occupations
470	Air Conditioning, Heating, Refrigerator

Code	Closely Related Occupations
430	Electricians and Apprentices
535	Sheet Metal Workers and Apprentices
522	Plumbers and Pipefitters and Apprentices

Code	Generally Related Occupations
280	Other Sales and Sales Workers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CONSTRUCTION AND Code: 6225 MAINTENANCE TRADE	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	900	
Total Expected Job Openings in Texas	1,115 - 1,300	

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	88%
In Closely Related Occupations	11%
In Generally Related Occupations	1%

LISTING OF OCCUPATIONS RELATED TO CONSTRUCTION AND MAINTENANCE TRADES

Code	Directly Related Occupations
415	Carpenters and Apprentices
413	Cabinet Makers
213	Constructions Inspector, Public
510	Painters and Apprentices
512	Paperhangers

Code	Closely Related Occupations
560	Tilesetters
601	Asbestos, Insulation Workers
750	Carpenters' Helpers
440	Floor Layers, Except Tilesetters
445	Glaziers
550	Structural Metal Craft
615	Dry Wall Installers, Lathes

Code	Generally Related Occupations
420	Carpet Installers
662	Sawyers

COMMENTS: Carpenters and Apprentices also listed under: 8425, Construction Technology.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CONSTRUCTION Code: 7622 MANAGEMENT	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	30
Total Expected Job Openings in Texas	50 - 65

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	57%
In Closely Related Occupations	43%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO CONSTRUCTION MANAGEMENT

Code	Directly Related Occupations	Code	Closely Related Occupations
213	Construction Inspectors, Public	441	Other Blue Collar Worker Supervisors
216	Managers and Superintendents, Building	321	Other Estimators, Investigators
		245	Other Managers and Administrators

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CONSTRUCTION TECHNOLOGY Code: 8425	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	400
Total Expected Job Openings in Texas	630 - 745

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	58%
In Closely Related Occupations	39%
In Generally Related Occupations	3%

LISTING OF OCCUPATIONS RELATED TO CONSTRUCTION TECHNOLOGY

Code	Directly Related Occupations
415	Carpenters and Apprentices
321	Other Estimators, Investigators
510	Painters

Code	Closely Related Occupations
430	Electricians and Apprentices
161	Surveyors
410	Brickmasons and Stonemasons
441	Other Blue Collar Worker Supervisors
615	Dry Wall Installers, Lathes
413	Cabinetmakers
216	Managers, Superintendents, Building
421	Cement and Concrete Finishers
662	Sawyers

Code	Generally Related Occupations
280	Other Sales and Sales Workers

COMMENTS: Carpenters and Apprentices also listed under: 6225, Construction and Maintenance Trades.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ELECTRICAL POWER TECHNOLOGY Code: 8822	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD (G)*	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	80
Total Expected Job Openings in Texas	120 - 145

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	26%
In Closely Related Occupations	0%
In Generally Related Occupations	74%

LISTING OF OCCUPATIONS RELATED TO ELECTRICAL POWER TECHNOLOGY

Code	Directly Related Occupations
525	Power Station Operators
213	Construction Inspectors, Public
153	Electrical Electronic Technicians

Code	Closely Related Occupations

Code	Generally Related Occupations
280	Other Sales and Sales Workers
610	Checkers, Examiners, Manufacturing
666	Furnace Tenders, Stokers Except Metal

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good.
Electrical Electronic Technicians also listed under: 6241, Radio/Television Repair; 7421, 8434, Communication and Broadcasting Technologies; 8426, Instrumentation Technology; 8441, Engineering Technology; 8821, Electromechanical Technologies; 8823, Electrical Technology; 8824, Electronics Technology; 8825, Laser-Electro Optics.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: ELECTRICAL TECHNOLOGY Code: 8823	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	540
Total Expected Job Openings in Texas	640 - 755
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	34%
In Closely Related Occupations	44%
In Generally Related Occupations	22%

LISTING OF OCCUPATIONS RELATED TO ELECTRICAL TECHNOLOGY

Code	Directly Related Occupations
153	Electrical, Electronic Technicians
430	Electricians

Code	Closely Related Occupations
433	Electric Power Line Install., Repair
213	Construction Inspectors, Public

Code	Generally Related Occupations
610	Checkers, Examiners, Manufacturing
280	Other Sales and Sales Workers

COMMENTS: Electrical, Electronic Technicians also listed under: 6241, Radio/Television Repair; 7421, 8434, Communication and Broadcasting Technologies; 8426, Instrumentation Technology; 8441, Engineering Technology; 8821, Electromechanical Technologies; 8822, Electrical Power Technology; 8824, Electronics Technology; 8825, Laser-Electro Optics.

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MASONRY Code: 6235	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers		GOOD
Expected Change in Employment Opportunities through 1983		SOME IMPROVEMENT (S)*
Market Ready Supply Expected 1980		80
Total Expected Job Openings in Texas		120 - 140
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations		95%
In Closely Related Occupations		5%
In Generally Related Occupations		0%

LISTING OF OCCUPATIONS RELATED TO MASONRY

Code	Directly Related Occupations	Code	Closely Related Occupations
410	Brickmasons and Stonemasons	520	Plasterers and Apprentices
421	Cement and Concrete Finishers	560	Tilesetters

COMMENTS: *Indicates change from previous report: (S) rating in last report was About the Same.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: PLUMBING Code: 6246	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	340	
Total Expected Job Openings in Texas	365 - 435	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	79%	
In Closely Related Occupations	3%	
In Generally Related Occupations	18%	

LISTING OF OCCUPATIONS RELATED TO PLUMBING

Code	Directly Related Occupations
622	Plumbers and Pipefitters and Apprentices

Code	Closely Related Occupations
655	Solderers
535	Sheet Metal Workers and Apprentices

Code	Generally Related Occupations
280	Other Sales and Sales Workers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: HEAVY CONSTRUCTION Code: 6424 EQUIPMENT MECHANICS**	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	EXCELLENT (VG)*	
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	
Market Ready Supply Expected 1980	95	
Total Expected Job Openings in Texas	180 - 205	
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations	67%	
In Closely Related Occupations	0%	
In Generally Related Occupations	33%	

LISTING OF OCCUPATIONS RELATED TO HEAVY CONSTRUCTION EQUIPMENT MECHANICS

Code	Directly Related Occupations	Code	Closely Related Occupations
481	Heavy Equipment Mechanics Including Diesel	480	Farm Implement Mechanics

Code	Generally Related Occupations
441	Other Blue Collar Worker Supervisors
486	Railroad-Car Repairers
491	Other Mechanics and Apprentices

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good and (I) rating in last report was Some Improvement.

**The program title used in the March 1978 Report was: Heavy Machinery Mechanics.

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: HOROLOGY Code: 6230	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	
Market Ready Supply Expected 1980	30	
Total Expected Job Openings in Texas	75 - 85	
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations	85%	
In Closely Related Occupations	15%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO HOROLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
453	Jewelers and Watchmakers	173	Other Technicians, Except Health

COMMENTS:

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: LASER-ELECTRO OPTICS Code: 8825	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	35	
Total Expected Job Openings in Texas	45 - 55	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	96%	
In Closely Related Occupations	4%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO LASER-ELECTRO OPTICS

Code	Directly Related Occupations	Code	Closely Related Occupations
153	Electrical, Electronic Technicians	506	Opticians, Lens Grinders, Polishers
		162	Other Engineering Science Techns.
		173	Other Technicians, Except Health

COMMENTS: Electrical, Electronic Technicians also listed under: 6241, Radio/Television Repair; 7421, 8434, Communication and Broadcasting Technologies; 8426, Instrumentation Technology; 8441, Engineering Technology; 8821, Electromechanical Technologies; 8822, Electrical Power Technology; 8823, Electrical Technology; 8824, Electronics Technology.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: SMALL ENGINE REPAIR Code: 6255	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD (G)*	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	110
Total Expected Job Openings in Texas	155 - 181

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	100%
In Closely Related Occupations	0%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO SMALL ENGINE REPAIR

Code	Directly Related Occupations
491	Other Mechanics and Apprentices

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: TRUCK AND HEAVY Code: 6250 EQUIPMENT OPERATOR	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	EXCELLENT (VG)*	
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	
Market Ready Supply Expected 1980	355	
Total Expected Job Openings in Texas	1,180 - 1,460	
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations	81%	
In Closely Related Occupations	16%	
In Generally Related Occupations	3%	

LISTING OF OCCUPATIONS RELATED TO TRUCK AND HEAVY EQUIPMENT OPERATOR

Code	Directly Related Occupations
715	Truck Drivers
703	Bus Drivers
412	Bulldozer Operators
436	Excavating, Grading, Machine Operators
424	Crane, Derrick and Hoist Operators

Code	Closely Related Occupations
705	Delivery and Route Workers
706	Fork Lift, Tow Motor Operatives

Code	Generally Related Occupations
614	Drillers, Earth

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good and (I) rating in last report was Some Improvement.
Truck Drivers also listed under: 5422, Commercial Transportation

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: UPHOLSTERY Code: 6247	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	COMPETITIVE (G)*	
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	
Market Ready Supply Expected 1980	195	
Total Expected Job Openings in Texas	140 - 160	
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations	95%	
In Closely Related Occupations	5%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO UPHOLSTERY

Code	Directly Related Occupations	Code	Closely Related Occupations
563	Upholsterers	401	Automobile Accessories Installers
		674	Other Textile Operatives

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good.
No response to current survey; ratings are based on statistical information only.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: AGRI-BUSINESS Code: 5021 TECHNOLOGY	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD (C)*	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME (I)*	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	75	
Total Expected Job Openings in Texas	155 - 170	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	74%	
In Closely Related Occupations	23%	
In Generally Related Occupations	3%	

LISTING OF OCCUPATIONS RELATED TO AGRI-BUSINESS TECHNOLOGY

Code	Directly Related Occupations
802	Farm Managers
203	Buyers, Shippers, Farm Products
024	Farm Management Advisors

Code	Closely Related Occupations
280	Other Sales and Sales Workers
233	Sales Managers, Except Retail Trade
245	Other Managers and Administrators

Code	Generally Related Occupations
801	Farmers (Owners and Tenants)

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive and (I) rating in last report was Some Improvement.
Farm Managers also listed under: 5025, Farm and Ranch Management.
Buyers, Shippers, Farm Products also listed under: 5025, Farm and Ranch Management; 5029, Seed Processing.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: FARM AND RANCH MANAGEMENT Code: 5025	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME
Market Ready Supply Expected 1980	260	
Total Expected Job Openings in Texas	860 - 955	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	73%	
In Closely Related Occupations	10%	
In Generally Related Occupations	17%	

LISTING OF OCCUPATIONS RELATED TO FARM AND RANCH MANAGEMENT

Code	Directly Related Occupations
024	Farm Management Advisors
801	Farmers (Owners and Tennants)
802	Farm Managers
821	Farm Labor Supervisors

Code	Closely Related Occupations
203	Buyers, Shippers, Farm Products

Code	Generally Related Occupations
822	Farm Laborers, Wage Wokers

COMMENTS: Farmers (owners and tenants) account for 540 of the total job openings. Many of these jobs are passed on within families, and thus the number of openings may not accurately reflect market demand. The composite response from 18 schools placed the employment outlook for this program area in the GOOD category. Farm Managers also listed under: 5021, Agri-Business Technology.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: HORTICULTURE Code: 5026	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	140
Total Expected Job Openings in Texas	390 - 430

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	36%
In Closely Related Occupations	64%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO HORTICULTURE

Code	Directly Related Occupations	Code	Closely Related Occupations
755	Gardeners, Groundskeepers, Except Farm	280	Other Sales and Sales Workers
		801	Farmers (Owners and Tennants)
		245	Other Managers and Administrators

COMMENTS: Farmers (owners and tenants) account for 225 of total job openings. Many of these jobs are passed on within families, and thus the number of openings may not accurately reflect market demand. The composite response from 7 schools placed the employment outlook for this program area in the GOOD category. Gardeners, Groundskeepers, Except Farm also listed under: 5034, Forest Technician.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: FOREST TECHNICIAN Code: 5034	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD (C)*	
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	
Market Ready Supply Expected 1980	70	
Total Expected Job Openings in Texas	85 - 95	
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations	32%	
In Closely Related Occupations	68%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO FOREST TECHNICIAN

Code	Directly Related Occupations	Code	Closely Related Occupations
025	Foresters, Conservationists	755	Gardeners, Groundskeepers, Exc. Farm
450	Inspectors, Log and Lumber	761	Timber Cutting, Logging Workers

COMMENTS: *Indicates change from previous report: (C) rating in last report was Competitive.

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: DIETICIAN AIDE Code: 5223	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD (G)*	VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	75	
Total Expected Job Openings in Texas	105 - 130	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	4%	
In Closely Related Occupations	60%	
In Generally Related Occupations	36%	

LISTING OF OCCUPATIONS RELATED TO DIETICIAN AIDE

Code	Directly Related Occupations
922	Health Aides, Except Nursing
026	Home Management Advisors

Code	Closely Related Occupations
230	Restaurant, Cafe and Bar Managers
916	Other Food Workers, Except Private

Code	Generally Related Occupations
245	Other Managers and Administrators

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good and (I) rating in last report was Some Improvement.
Health Aides, Except Nursing also listed under: 8023, Dental Assistant Technologies; 8025, Inhalation Therapy Technologies; 8026, Medical Assistant and Medical Office Assistant Technologies; 8027, 8028, Medical and Biological Laboratory Assistant Technologies; 8029, Psychiatric Technologies; 8030, Occupational Therapy Technologies; 8032, Physical Therapy Technologies; 8034, Dental Hygiene; 8037, Optical Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: COOK/CHEF Code: 6226	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	
Market Ready Supply Expected 1980	270	
Total Expected Job Openings in Texas	370 - 435	
Percent of Job Openings Expected 1980:		About:
In Directly Related Occupations	86%	
In Closely Related Occupations	14%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO COOK/CHEF

Code	Directly Related Occupations	Code	Closely Related Occupations
420	Bakers	230	Restaurant, Cafe and Bar Managers
912	Cooks, Except Private	916	Other Food Workers, Except Private

COMMENTS:

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: OCEANOGRAPHIC Code: 8248 TECHNOLOGY**	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD (VG)*	GOOD (VG)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME

Market Ready Supply Expected 1980	65
Total Expected Job Openings in Texas	65 - 80

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	71%
In Closely Related Occupations	29%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO OCEANOGRAPHIC TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
173	Technicians	162	Other Engineering Science Techns.
		661	Sailors and Deckhands
		701	Boat Operators

COMMENTS: *Indicates change from previous report: (VG) rating in last report was Very Good.
**The program title used in the March 1978 Report was: Marine and Oceanographic Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: WATER UTILITIES Code: 6244, 8436 OPERATION/TECHNOLOGY*	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	30
Total Expected Job Openings in Texas	55 - 75

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	19%
In Closely Related Occupations	81%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO WATER UTILITIES OPERATION/TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
085	Other Health Technologists and Technicians	162	Other Engineering Science Techns.
		154	Industrial Engineering Techns.
		545	Stationary Engineers
		452	Inspectors, Other

COMMENTS: *The program title used in the March 1978 Report was: Sanitation and Public Health Inspection Technologies.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: LIBRARY ASSISTANT Code: 9424	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME DECLINE (S)*	ABOUT THE SAME
Market Ready Supply Expected 1980	160	
Total Expected Job Openings in Texas	215 - 255	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	83%	
In Closely Related Occupations	0%	
In Generally Related Occupations	17%	

LISTING OF OCCUPATIONS RELATED TO LIBRARY ASSISTANT

Code	Directly Related Occupations
330	Library Attendants

Code	Closely Related Occupations
362	Proofreaders

Code	Generally Related Occupations
372	Secretaries, Other
394	Other Misc. Clerical Workers

COMMENTS: *Indicates change from previous report: (S) rating in last report was About the Same.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: TEACHER AIDE Code: 9423	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	485	
Total Expected Job Openings in Texas	535 - 635	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	62%	
In Closely Related Occupations	17%	
In Generally Related Occupations	21%	

LISTING OF OCCUPATIONS RELATED TO TEACHER AIDE

Code	Directly Related Occupations
382	Teacher Aides, Except Monitors
952	School Monitors

Code	Closely Related Occupations
980	Child Care Workers, Private

Code	Generally Related Occupations
372	Secretaries, Other
394	Other Misc. Clerical Workers

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CORRECTIONS Code: 7022	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	VERY GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	115	
Total Expected Job Openings in Texas	140 - 175	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	45%	
In Closely Related Occupations	26%	
In Generally Related Occupations	29%	

LISTING OF OCCUPATIONS RELATED TO CORRECTIONS

Code	Directly Related Occupations
962	Guards
965	Sheriffs and Bailiffs

Code	Closely Related Occupations
222	Officials and Public Administrators
100	Social Workers

Code	Generally Related Occupations
245	Other Managers and Administrators

COMMENTS: Officials and Public Administrators includes probation and parole officers.
Guards also listed under: 7021, Law Enforcement

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: LAW ENFORCEMENT Code: 7021	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT
Market Ready Supply Expected 1980	1,615	
Total Expected Job Openings in Texas	1,475 - 1,800	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	56%	
In Closely Related Occupations	18%	
In Generally Related Occupations	26%	

LISTING OF OCCUPATIONS RELATED TO LAW ENFORCEMENT

Code	Directly Related Occupations
964	Police and Detectives
965	Sheriffs and Bailiffs
963	Marshalls and Constables
962	Guards

Code	Closely Related Occupations
315	Dispatchers, Starters, Vehicle
321	Other Estimators, Investigators
452	Inspectors, Others

Code	Generally Related Occupations
245	Other Managers and Administrators

COMMENTS: Listed occupations include game wardens, legal assistants, court personnel, border patrol and probation and parole officers.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: CHILD CARE/CHILD DEVELOPMENT Code: 5222	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD (G)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	ABOUT THE SAME (I)*
Market Ready Supply Expected 1980	350	
Total Expected Job Openings in Texas	395 - 485	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	100%	
In Closely Related Occupations	0%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO CHILD CARE/CHILD DEVELOPMENT

Code	Directly Related Occupations	Code	Closely Related Occupations
980	Child Care Workers	143	Preschool and Kindergarten Teachers
382	Teacher Aides, Except Monitors		
100	Social Workers		

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good and (I) rating in last report was Some Improvement.
Child Care Workers also listed under: 9423, Teacher Aide

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UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: RECREATION AIDE Code: 9621	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	COMPETITIVE (G)*	COMPETITIVE (G)*
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT

Market Ready Supply Expected 1980	150
Total Expected Job Openings in Texas	140 - 165
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	58%
In Closely Related Occupations	33%
In Generally Related Occupations	9%

LISTING OF OCCUPATIONS RELATED TO RECREATION AIDE

Code	Directly Related Occupations
101	Recreation Workers
180	Athletes and Kindred Workers

Code	Closely Related Occupations
932	Attendants, Recreation, Amusement

Code	Generally Related Occupations
953	Ushers, Recreation, Amusement

COMMENTS: *Indicates change from previous report: (G) rating in last report was Good.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: SERVICE FOR THE DEAF Code: 9623	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	VERY GOOD
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	65
Total Expected Job Openings in Texas	60 - 70
Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	86%
In Closely Related Occupations	14%
In Generally Related Occupations	0%

LISTING OF OCCUPATIONS RELATED TO SERVICE FOR THE DEAF

Code	Directly Related Occupations	Code	Closely Related Occupations
382	Teacher Aides	174	Vocational Education Counselors
		311	Clerical Assistants, Social Welfare

COMMENTS:

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: FIRE PROTECTION Code: 6821 TECHNOLOGY*	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	GOOD	GOOD
Expected Change in Employment Opportunities through 1983	ABOUT THE SAME	SOME IMPROVEMENT
Market Ready Supply Expected 1980	110	
Total Expected Job Openings in Texas	115 - 140	
Percent of Job Openings Expected 1980:	About:	
In Directly Related Occupations	97%	
In Closely Related Occupations	3%	
In Generally Related Occupations	0%	

LISTING OF OCCUPATIONS RELATED TO FIRE PROTECTION TECHNOLOGY

Code	Directly Related Occupations	Code	Closely Related Occupations
961	Firefighters	326	Insurance Adjusters Invest., Etc.
		213	Construction Inspectors, Public

COMMENTS: *The program title used in the March 1978 Report was: Fire Control Technology.

UPDATE TO TEXAS 1202 COMMISSION SUPPLY-DEMAND REPORT (March 78)

TABLE 2: TEXAS VOCATIONAL EDUCATION PROGRAMS (STATEWIDE)

Effective: December 1, 1979 Valid until March 31, 1981

Program Area: MUNICIPAL ADMINISTRATION* Code: 9622	Less Than Two Year Programs	Two or Three Year Programs
Short Term Employment Opportunities for Program Completers	COMPETITIVE	COMPETITIVE
Expected Change in Employment Opportunities through 1983	SOME IMPROVEMENT	SOME IMPROVEMENT

Market Ready Supply Expected 1980	280
Total Expected Job Openings in Texas	170 - 205

Percent of Job Openings Expected 1980:	About:
In Directly Related Occupations	39%
In Closely Related Occupations	3%
In Generally Related Occupations	58%

LISTING OF OCCUPATIONS RELATED TO MUNICIPAL ADMINISTRATION

Code	Directly Related Occupations
222	Officials and Public Administrators

Code	Closely Related Occupations
220	Other Office Managers
056	Personnel, Labor Relations

Code	Generally Related Occupations
331	Mail Carriers, Post Office
361	Postal Clerks

COMMENTS: *The program title used in the March 1978 Report was: Public Administration and Management Technologies.

CROSS REFERENCE OF OCCUPATIONS & RELATED PROGRAMS

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Accountants	Mid-Management Accounting and Computing	Mathematics Business Administration Accounting Business Administration Finance Business Administration General Business
Actors and Actresses		Speech Drama
Actuaries		Economics Mathematics Business Administration Accounting Business Administration Finance
Advertising Agents, Sales	Marketing	Advertising Marketing
Agricultural, Biological Technicians	Animal Medical Technology Medical Laboratory Assistant Chemical Technology	Biochemistry/Biophysics Biology Botany Zoology Agriculture General and Technical Agronomy Animal Science Forestry Horticulture Wildlife Science and Management Veterinary Medicine
Agricultural Scientists		Biology Botany Chemistry Agriculture General and Technical Agronomy Animal Science Forestry Horticulture Wildlife Science and Management Veterinary Medicine
Air Conditioning Heating, Refrigeration	Air Conditioning and Heating Electronics Technology	
Air Traffic Controllers	Commercial Pilot	Mathematics
Aircraft Mechanics	Aviation Management Airframe and Power Mechanic	

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Airplane Pilots	Aviation Management Commercial Pilot	Other Engineering Mechanical Engineering Technology
Animal Caretakers, Except Farm	Animal Medical Technology	Animal Science Veterinary Medicine
Architects		Architecture
Archivists and Curators		Anthropology English History Other Social Science Other Liberal Arts Art Library Science
Asbestos, Insulation Workers	Construction and Maintenance Trades	
Assessors, Controllers, and Treasurers	Accounting and Computing	Business Administration Accounting Business Administration Finance Business Administration General Business Business Administration Management
Athletes and Kindred Workers	Recreation Aide	
Atmospheric, Space Scientists		Astronomy Biochemistry/Biophysics Chemistry Geology Physics Earth/Environmental Other Physical Science
Attendant, Recreation, Amusement	Recreation Aide	Recreation and Parks
Authors		English History Journalism/Communications Religion/Theology
Automobile Accessories Installers	Auto Body Repair Auto Mechanics Automotive Parts Specialist Electronics Technology	

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Automobile Body Repairers	Auto Body Repair Auto Mechanics	
Automobile Mechanics and Apprentices	Auto Body Repair Auto Mechanics Diesel Mechanics	
Bakers	Cook/Chef	
Bank, Financial Managers	Banking, Credit and Collections	Economics Agricultural Economics Business Administration Accounting Business Administration Finance Business Administration Management Business Administration Marketing
Bank Tellers	Banking, Credit and Collections	Business Administration Finance
Billing Clerks	General Office Clerical	Secretarial Administration
Biological Scientists		Anthropology Biochemistry/Biophysics Biology Botany Agronomy Animal Science Horticulture Wildlife Science and Management
Blue Collar Worker Supervisor, N.E.C.	Mid-Management Printing and Lithography Construction Management Civil and Highway Technology Construction Technology Mechanical Technology Chemical Technology Petroleum Technology	
Boarding, Lodging Housekeepers	Hotel/Motel and Restaurant Management	
Boat Operators	Oceanographic Technology	
Bookbinders	Printing	

OCCUPATION	VOCATIONAL PROGRAM	SENOR COLLEGE PROGRAM
Bookkeepers	Accounting and Computing General Business General Office Clerical Stenographic and General Secretarial	Business Administration Accounting Business Administration Finance Business Administration General Business Business Administration Secretarial and Office Administration
Bookkeeping, Billing Operators	Banking, Credit and Collections Accounting and Computing General Office Clerical	Secretarial Administration
Brickmasons and Stonemasons	Masonry Construction Technology	
Bulldozer Operators	Truck and Heavy Equipment Operator	
Bus Drivers	Truck and Heavy Equipment Operators	
Buyers, Shippers, Farm Products	Agri-Business Technology Farm and Ranch Management	Agricultural Economics Agriculture General and Technical Agronomy Animal Science Forestry Horticulture Business Administration Marketing
Buyers, Wholesale, Retail	Mid-Management Fashion Merchandising Food Marketing	Agricultural Economics Botany Home Economics-Clothing and Textile Business Administration Finance Business Administration General Business Business Administration Management Business Administration Marketing
Cabinetmakers	Construction and Maintenance Trades	
Calculating Machine Operators	Banking, Credit and Collections	
Carpenters and Apprentices	Construction and Maintenance Trades	
Carpenters' Helpers	Construction and Maintenance Trades	

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Cement and Concrete Finishers	Construction and Maintenance Trades Masonry Construction Technology	
Checkers, Examiners, Manufacturing	Instrumentation Technology	
Chemists		Biochemistry/Biophysics Chemistry Pharmacy
Child Care Workers Private	Child Care/Child Development	
Child Care Workers, Except Private	Child Care/Child Development Teacher Aide	Psychology Elementary Education Social Work
Chiropractors		Dr. of Chiropractic Medicine
Clergy		Religion/Theology
Clerical Assistants, Social Welfare	Service for the Deaf	Anthropology Social Work
Clericl Supervisors, N.E.C.	Mid-Management General Business General Office Clerical Specialized Secretarial	Secretarial Administration
Misc. Clerical Workers, N.E.C.	General Business General Office Clerical Stenographic and General Secretarial Medical Records/Medical Transcription	Secretarial Administration
Clinical Lab Technologist	Operating Room Technology Respiratory Technology Radiologic Technology Medical Lab Assistant Technician	Medical Technology Nursing
Collectors, Bill and Account	Banking, Credit and Collections	See Table 1, note 2, page 6
Compositors and Typesetters	Commercial Art Printing	
Computer, Peripheral Equipment Operators	Data Processing Programmer Computer and Console Operator	
Computer Programmers	Data Processing Programmer	Mathematics Computer Science Electrical Engineers
Computer Specialists (Other)	Data Processing Programmer Electronics Technology	Computer Science
Computer Systems Analysts	Data Processing Programmer	Mathematics Computer Science Electrical Engineers

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Construction Inspector, Public	Construction and Maintenance Trades Fire Protection Technology Construction Management Drafting and Design Technology Electrical Technology	Architecture Civil Engineering Industrial Engineering
Cooks, Private	Cook/Chef	
Cooks, Except Private	Cook/Chef	
Crane, Derrick and Hoist Operators	Truck and Heavy Equipment Operator	
Credit Managers	Banking, Credit and Collections Real Estate General Business	Economics Agricultural Economics Business Administration Accounting Business Administration Finance Business Administration General Business Business Administration Management
Cutting Operatives, N.E.C.	Welding	
Dancers		Drama
Data Processing Machine Repairers	Electronics Technology	
Decorators, Window Dressers	Interior Design Commercial Art	Art Home Economics-Clothing and Textile Home Economics-General
Delivery and Route Workers	Commercial Transportation Truck and Heavy Equipment Operator	
Demonstrators	Fashion Merchandising	Agriculture General and Technical Home Economics-Clothing and Textile Home Economics-General Business Administration General Business Business Administration Marketing
Dental Assistants	Dental Assistant	Dental Hygiene Medical Technology
Dental Hygienists	Dental Hygiene	Medical-Dental Hygiene Medical-Medical Technology
Dentists		Doctor of Dental Surgery
Designers	Fashion Design Interior Design Commercial Art Drafting Jewelry Craft Architectural Drafting Technology	Journalism/Communications Art Drama Other Engineering Architecture Industrial Engineering Mechanical Engineering Home Economics-Clothing and Textile Home Economics-General

OCCUPATIONS	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Dieticians		Home Economics-Food and Nutrition Nursing
Dispatcher, Starter, Vehicle	Commercial Transportation Law Enforcement	
Drafters	Interior Design Drafting Mechanical Technology Engineering Technology Architectural Drafting Technology	Geography Architecture Mechanical Engineering Technology
Dressmakers, Except Factory	Fashion Design	Home Economics-Clothing and Textiles
Drill Press Operatives	Machine Shop	Petroleum Engineering
Drillers, Earth		Petroleum Engineering
Dry Wall Installers, Lathes	Construction and Maintenance Trades Construction Technology	
Economists		Economics Agricultural Economics Government/Political Science Business Administration Finance Business Administration General Business Business Administration Management Business Administration Marketing
Editors and Reporters	Radio-TV Production and Technical Communication	English Government/Political Science History Journalism/Communications
Electric Power Line Installers, Repairers	Electro-Mechanical Technology Electrical Technology Electronics Technology	
Electricians and Apprentices	Air Conditioning and Heating Construction Technology Electrical Technology	Technology
Electrotypers, Stereotypers	Printing	
Engineers, Aero-Astronautic		Astronomy Other Engineering
Engineers, Chemical		Chemical Engineering
Engineers, Civil		Civil Engineering

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Engineers, Electrical		Electrical Engineers
Engineers, Industrial		Industrial Engineering Mechanical Engineering Technology
Engineers, Mechanical		Mechanical Engineering
Engineers, Metallurgical		Other Engineering Mechanical Engineering
Engineers, Mining		Civil Engineering Petroleum Engineering
Engineers, Petroleum		Geology Chemical Engineering Civil Engineering Petroleum Engineering
Engineers, Sales		Computer Science Geology Chemical Engineering Civil Engineering Electrical Engineering Industrial Engineering Mechanical Engineering Petroleum Engineering
Engineers, Other		Other Engineering
Engravers, Except Photoengravers		Art
Enumerators and Interviewers		Mathematics Sociology
Estimators, Investigators, N.E.C.	Commercial Transportation Law Enforcement Construction Management	Secretarial Administrators Criminal Justice Other Liberal Arts Law
Excavating, Grading Machine Operators	Truck and Heavy Equipment Operator	
Expediters, Production Controllers	Commercial Transportation	Industrial Engineering
Farm Implement Mechanics	Auto Mechanics Diesel Mechanics Heavy Construction Equipment Mechanics	
Farm Labor Supervisors	Farm and Ranch Management	General or Technical Agriculture

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Farm Managers	Agri-Business Technology	
Farm Management Advisors	Agri-Business Technology Animal Medical Technology	Agricultural Economics Agriculture General and Technical Agronomy Animal Science Forestry Horticulture Wildlife Science and Management Business Administration Management
Farmers (Owners and Tenants)	Horticulture	General or Technical Agriculture Forestry Horticulture
File Clerks	General Office Clerical	
Firefighters	Fire Protection Technology	
Flight Attendants	Commercial Transportation Aviation Management	General Home Economics
Flight Engineers		Mechanical Engineering
Floor Layers, Except Tilesetters	Construction and Maintenance Trades	
Food Counter, Fountain Workers	Hotel/Motel and Restaurant Management Culinary Arts	
Food Workers, N.E.C., Except Private	Dietician Aide Cook/Chef	
Foresters, Conservationists	Forest Technician	Botany Agronomy Forestry Wildlife Science and Management Recreation and Parks
Fork Lift, Tow Motor Operatives	Truck and Heavy Equipment Operator	
Furniture and Wood Finishers	Construction and Maintenance Trades	
Furriers	Fashion Design	
Garage Workers, Gas Station Attendant	Petroleum Technology Auto Body Repair	
Gardeners, Groundskeepers, Except Farm	Forest Technician	Forestry Horticulture

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Geologists		Geology Physics Earth/Environmental Other Physcial Science Petroleum Engineering
Glaziers	Construction and Maintenance Trades	
Grinding Machine Operatives	Machine Shop	
Guards	Law Enforcement Corrections	Criminal Justice
Hairdressers, Cosmetologists	Cosmetology	
Health Administrators		Psychology Sociology Biology Botany Chemistry Zoology Home Economics-Food and Nutrition Nursing Medical-Medical Technology Medical-Hospital/Health Administration Medical-Health Professions Pharmacy Dr. of Medicine/Dr. of Osteopathic Med. Doctor of Dental Surgery Dr. of Chiropractic Medicine
Health Aides, Except Nursing	Medical Laboratory Assistant/Technician Vocational Nursing Dental Assistant Dental Laboratory Technology Respiratory Therapy Technology Medical Assisting Technology Mental Health Technology Occupational Therapy Physical Therapy Technology Radiologic Technology Dental Hygiene Opthalmic Dispensing Emergency Medical Technician	Occupational Therapy Physical Therapy Nursing Medical Technology
Heavy Equipment Mechanics, Incl. Diesel	Auto Mechanics Diesel Mechanics Heavy Construction Equipment Mechanics	

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Home Management Advisors	Dietician Aide Interior Design	Home Economics-Clothing and Textile Home Economics-Home and Family Life Home Economics-General Home Economics-Food and Nutrition Business Administration Finance Business Administration Management
Household Appliance Mechanics	Appliance Service and Repair Radio and Television Repair	
Industrial Engineering	Industrial Management Engineering Technology Electronics Technology	Industrial Engineering
Inspectors, Except Construction Public	Mid-Management Chemical Technology Petroleum Technology	Agricultural Economics Government/Political Science Biology Agronomy Home Economics-Food and Nutrition Medical-Medical Technology Medical-Hospital/Health Administration Pharmacy Business Administration Marketing Technology
Inspectors, Log and Lumber	Forest Technician	Forestry
Inspectors, Other	Water Utilities Operation Law Enforcement Corrections Industrial Management Mechanical Technology	
Insurance Adjusters, Examiner, Investigators	Fire Protection Technology	Economics Government/Political Science Mathematics Criminal Justice Business Administration Accounting Business Administration Finance
Jewelers and Watchmakers	Horology Jewelry Craft	Art
Job and Die Setters, Metal	Machine Shop	
Keypunch Operators	Data Processing Programmer Computer and Console Operator	
Lathe, Milling Machine Operatives	Machine Shop	
Lawyers		Law
Library Attendants, Assistants	Library Assistant	Elementary Education Secondary Education Library Science

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Librarians		English History Other Teacher Education Elementary Education Secondary Education Library Science
Life, Physical Scientists, N.E.C.		Biology Botany Chemistry Geology Physics Earth/Environmental Other Physcial Science
Locomotive Engineers	Commercial Transportation	
Machinists and Apprentices	Machine Shop Mechanical Technology	Technology
Mail Handlers Except Post Office	General Office Clerical	
Managers, Superintendents, Bldg.	Real Estate Hotel/Motel and Restaurant Management Construction Management	Business Administration Management Business Administration Marketing Technology
Other Managers and Administrators	Agri-Business Technology Horticulture Real Estate Hotel/Motel and Restaurant Management Aviation Management General Business Legal Assistant Data Processing Programmer Automotive Parts Specialist Industrial Management Construction Management Health Care and Nursing Home Management	See Table 1, note 2, page 6
Marine Scientists		Biochemistry/Biophysics Zoology Earth/Environmental Other Physical Science Other Engineering
Marshals and Constables	Law Enforcement	Criminal Justice
Mathematicians		Mathematics Astronomy Physics Business Administration Finance

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Meat Cutters, Butchers, Except Manufacturing	Food Marketing	
Meat Wrappers, Retail Trade	Food Marketing	
Others Mechanics and Apprentices	Small Engine Repair	
Motion Picture Projectionists	Radio-TV Production and Technical Communication Instructional Media	
Musicians and Composers		Music
Nurses, Practical	Vocational Nursing Associate Degree Nursing (R.N.)	
Nurses, Registered	Associate Degree Nursing (R.N.)	Nursing
Nurses Aides, Orderlies	Medical Laboratory Assistant/Technician Nurse Aide Medical Assisting Technology Mental Health Technology Occupational Therapy Operating Room Technology Physical Therapy Technology Emergency Medical Technician	
Office Machine Operators, Other	General Office Clerical	
Office Managers, N.E.C.	Mid-Management General Business Municipal Administration	English Government/Political Science Journalism/Communications Mathematics Public Administration/Affairs Other Liberal Arts Business Administration Advertising Business Administration Secretarial and Office Administration
Officers, Pilots Pursers, Ship		Spanish Other Foreign Languages Other Engineering Mechanical Engineering
Officials of Lodges, Unions	Marketing Mid-Management	Government/Political Science

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Officials and Public Administrators	Corrections Municipal Administration	Agricultural Economics Spanish Government/Political Science History Sociology Other Social Science Public Administration/Affairs Criminal Justice Education Administration and Supervision Forestry Wildlife Science and Management Recreation and Parks Civil Engineering Law Medical-Hospital/Health Administration Business Administration Accounting Business Administration Finance Business Administration General Business Business Administration Management Business Administration Marketing
Operations, Systems Research	Marketing Mid-Management General Business	Government/Political Science Mathematics Computer Science Public Administration/Affairs Civil Engineering Electrical Engineers Industrial Engineering Mechanical Engineering Business Administration Accounting Business Administration General Business Business Administration Management Technology
Opticians, Lens Grinders, Polishers	Opthalmic Dispensing	Optometry
Optometrists		Optometry
Painters, Manufacturing Articles	Auto Body Repair	
Painters and Apprentices	Construction and Maintenance Trades Construction Technology	
Painters and Sculptors	Commercial Art	Art
Paperhangers	Construction and Maintenance Trades	

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Pattern and Model Makers	Drafting Machine Shop	Technology
Payroll, Time Keeping Clerks	Accounting and Computing General Office Clerical	Secretarial Administration
Personnel, Labor Relations	Marketing Mid-Management Municipal Administration	Spanish Government/Political Science Psychology Sociology Speech Public Administration/Affairs Other Liberal Arts Other Teacher Education Education: Guidance and Counseling Education Administration and Supervision Industrial Engineering Law Business Adminstration Management Business Administration and Office Administration
Pharmacists		Pharmacy
Photoengravers, Lithographers	Printing and Lithography Technologies	Art
Photographers	Commercial Art Photography Instructional Media	Journalism/Communications Art
Photographic Process Workers	Photography	
Physicians, Medical and Osteopaths		Dr. of Medicine/Dr. of Osteopathic Med.
Physicists and Astronomers		Astronomy Biochemistry/Biophysics
Plasterers and Apprentices	Masonry	
Plumbers and Pipefitters and Apprentices	Plumbing Air Conditioning and Heating	
Podiatrists		Dr. of Medicine/Dr. of Osteopathic Med.
Police and Detectives	Law Enforcement	Criminal Justice

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Political Scientists		Government/Political Science History Other Social Science Public Administration/Affairs
Postmasters and Mail Supervisors	Mid-Management	
Precision Machine Operatives, Other	Machine Shop	
Printing Press Operators, Apprentices	Printing	
Proofreaders	Library Assistant	English Business Administration Secretarial and Office Administration
Psychologists		Psychology
Public Relations Specialists	Marketing	English Spanish Journalism/Communications Speech Public Administration/Affairs Other Liberal Arts Business Administration Advertising g Business Administration Management Business Administration Marketing
Punch Stamping Press Operatives	Machine Shop	
Purchasing Agents, Buyers, N.E.C.	Marketing Interior Design	Economics Agricultural Economics Home Economics-Clothing and Textiles Business Administration Finance Business Administration General Business Business Administration Management Business Administration Marketing
Radio Operators	Radio and Television Repair	Technology
Radio, Television Repairers	Radio and Television Repair Electronics Technology	
Radio and TV Announcers	Radio-TV Production and Technical Communication	Journalism/Communications Speech Drama
Radiologic Technologist	Radiologic Technology Nuclear Technology	Medical Technology
Real Estate Agents, Brokers, Etc.	Real Estate	See Table 1, note 2, page 6

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Real Estate Appraisers	Real Estate	Geography Agriculture General and Technical Forestry Architecture Business Administration Accounting Business Administration Finance Business Administration General Business
Receptionists	Stenographic and General Secretarial Court Reporting	See Table 1, note 2, page 6
Recreation Workers	Recreational Aide	Spanish Psychology Sociology Speech Religion/Theology Other Liberal Arts Drama Music Other Teacher Education Education: Guidance and Counseling Recreation and Parks Home Economics-Home and Family Life Home Economics-General
Religious, Except Clergy		Philosophy Sociology Religion/Theology
Research Workers, N.E.C.	Legal Assistant Chemical Technology	Anthropology Economics Government/Political Science History Mathematics Philosophy Sociology Other Social Science Computer Science Public Administration/Affairs Criminal Justice Other Liberal Arts Astronomy Biochemistry/Biophysics Biology Botany Chemistry Geology Physics Zoology Earth/Environmental Other Physical Science Chemical Engineering Civil Engineering Home Economics-Clothing and Textiles (continued on next page)

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Research Workers, N.E.C. (continued)		Home Economics-Food and Nutrition Veterinary Medicine Medical-Medical Technology Business Administration Advertising Business Administration General Business Business Administration Marketing Dr. of Medicine/Dr. of Osteopathic Med. Doctor of Dental Surgery
Restaurant, Cafe, and Bar Managers	Dietician Aide Hotel/Motel and Restaurant Management Food Marketing	Home Economics-General Home Economics-Food and Nutrition Business Administration General Business Business Administration Management Business Administration Marketing
Riverters and Fasteners	Welding	
Roofers and Slaters	Construction and Maintenance Trades	
Sailors and Deck-hands	Oceanographic Technology	
Sales, Advertising Agents		English Spanish Journalism/Communications Psychology Speech Other Liberal Arts Drama Music Business Administration Advertising Business Administration General Business Business Administration Management Business Administration Marketing
Sales Manager, Retail Trade	Interior Design Mid-Management Fashion Merchandising Food Marketing Cosmetology Auto Mechanics	Home Economics-Clothing and Textile Home Economics-Home and Family Life Home Economics-General Business Administration Finance Business Administration General Business Business Administration Management Business Administration Marketing
Sales Manager, Except Retail Trade	Agri-Business Technical Marketing	Home Economics-Clothing and Textiles Business Administration General Business Business Administration Management Business Administration Marketing

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Sales and Sales Workers, N.E.C.	Horticulture Fashion Design Real Estate Mid-Management Fashion Merchandising Automotive Parts Specialist	See Table 1, note 2, page 6
Sawyers	Construction and Maintenance Trades Construction Technology	
School Administrators, College		Government/Political Science Other Teacher Education Business Administration Management
School Administrators, Elementary Secondary		Government/Political Science History Psychology Other Teacher Education Secondary Education Education: Guidance and Counseling Library Science
School Monitors	Teacher Aide	See Table 1, note 2, page 6
Secretaries, Legal	Specialized Secretarial Legal Assistant Court Reporting	Criminal Justice Business Administration Secretarial and Office Administration
Secretaries, Medical	Specialized Secretarial Medical Records/Medical Transcription Medical Assisting Technology	Biology Chemistry Medical-Hospital/Health Administration Medical-Health Professions Business Administration Secretarial and Office Administration
Secretaries, Other	General Business General Office Clerical Stenographic and General Secretarial Specialized Secretarial Medical Records/Medical Transcription	Business Administration Secretarial and Office Administration See Table 1, note 2, page 6
Sheet Metal Workers and Apprentices	Machine shop Welding Plumbing Air Conditioning and Heating	
Sheriffs and Bailiffs	Law Enforcement Corrections	Criminal Justice
Sign Painters and Letters	Commercial Art Drafting	

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Social Scientists Other		Anthropology Economics Geography Government/Political Science History Psychology Sociology Other Foreign Languages Other Social Science Religion/Theology Other Liberal Arts Social Services/Social Work
Social Workers	Child Care/Child Development Corrections	Spanish History Psychology Sociology Speech Criminal Justice Religion/Theology Other Liberal Arts Elementary Education Education: Guidance and Counseling Home Economics-Home and Family Life Home Economics-General Social Services/Social Work
Sociologists		Anthropology Psychology Sociology Other Social Science Social Services/Social Work
Solderers	Welding Plumbing	
Stationary Engineers	Water Utilities Operation/Technology	
Statistical Clerks	Data Processing Programmer Computer and Console Operator	Mathematics Accounting
Statisticians		Economics Mathematics Computer Science Biology Business Administration Finance
Stenographers	Stenographic and General Secretarial Court Reporting	Business Administration Secretarial and Office Administration
Stock Clerks, Store Keepers	Food Marketing Automotive Parts Specialist	

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Stock and Bonds Sales Agents		Economics Mathematics Business Administration Finance Business Administration General Business Business Administration Management Business Administration Marketing
Structural Metal Craft	Construction and Maintenance Trades	
Surveyors	Construction Technology Surveying Technology Drafting and Design Technology	Civil Engineering Geography
Surveyor Helpers	Civil and Highway Technology Surveying Technology	
Taxicab Drivers, Chauffeurs	Commercial Transportation	
Teachers, Adult Education		English History Speech Religion/Theology Art Drama Music Other Teacher Education Secondary Education
Teachers, Elementary School		Other Teacher Education Elementary Education
Teachers, Preschool and Kindergarten		Elementary Education
Teachers, Secondary School		Secondary Education
Teachers, N.E.C., Except College, University	Commercial Pilot Commercial Music	English Spanish Speech Other Foreign Languages Religion/Theology Other Liberal Arts Art Drama Music Other Teacher Education Secondary Education (continued on next page)

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Teachers, N.E.C., Except College, University (continued)		Home Economics-Home and Family Life Home Economics-General Nursing Technology
Teacher Aides, Except Monitors	Child Care/Child Development Teacher Aide Service for the Deaf	Elementary Education Secondary Education
Technicians, Chemical	Petroleum Technology	Biochemistry/Biophysics Chemistry Earth/Environmental/Other Physical Science Chemical Engineering
Technicians, Clinical Lab Technologists	Respiratory Therapy Technology Medical Laboratory Assistant/Technician Operating Room Technology Radiologic Technology	Biochemistry/Biophysics Biology Chemistry Zoology Medical-Occupational Therapy Medical-Physical Therapy Nursing Medical-Dental Hygiene Pharmacy
Technicians, Dental Laboratory	Dental Assistant Dental Hygiene	Medical-Medical Technology
Technicians, Electrical, Electronic	Radio and Television Repair Radio-TV Production and Technical Communication	Journalism/Communications Computer Science Physics Electrical Engineers Technology
Technicians, N.E.C. Engineering Science	Occupational Therapy Drafting Machine Shop Maintenance Engineering Chemical Technology Civil and Highway Technology Instrumentation Technology Oceanographic Technology Petroleum Technology Surveying Technology Engineering Technology Electro-Mechanical Technology Electronics Technology Avionics Scientific Data Processing	Geography Mathematics Physics Earth/Environmental/Other Physical Science Other Engineering Industrial Engineering Technology
Technicians, Health Record Technologists	Specialized Secretarial Medical Records/Medical Transcription Medical Assisting Technology	Biology Medical-Medical Technology Medical-Hospital/Health Administration

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Technicians, Health Technologists (Other)	Animal Medical Technology Associate Degree Nursing (R.N.) Medical Assisting Technology Medical Laboratory Assistant/Technician Mental Health Technology Opthalmic Dispensing Water Utilities Technology	Biology Chemistry Zoology Medical-Occupational Therapy Medical-Physical Therapy Medical-Medical Technology Medical-Hospital/Health Administration Pharmacy
Technicians, Industrial Engineering		Physics Industrial Engineering Technology
Technicians, Mechanical Engineering	Engineering Technology	Physics Mechanical Engineering
Technicians, Radiologic Technologists	Radiologic Technology	Chemistry Physics Medical-Medical Technology
Technicians (Other) Except Health	Horology Oceanographic Technology	
Telephone Operators	Technical Communications	
Therapy Assistants	Respiratory Therapy Technology Occupational Therapy Physical Therapy Technology	Psychology Speech Medical-Occupational Therapy Medical-Physical Therapy
Therapists	Respiratory Therapy Technology Occupational Therapy Physical Therapy Technology Radiologic Technology	Psychology Speech Medical-Occupational Therapy Medical-Physical Therapy Nursing Medical-Medical Technology
Ticket Station, Express Agents	Aviation Management	
Tilesetters	Construction and Maintenance Trades Masonry	
Timber Cutting, Logging Workers	Forest Technician	
Tool Programmers, Numerical	Mechanical Technology	
Tool and Diemakers and Apprentices	Machine Shop	

OCCUPATION	VOCATIONAL PROGRAM	SENIOR COLLEGE PROGRAM
Truck Drivers	Commercial Transportation Truck and Heavy Equipment Operator	
Typists	General Office Clerical Stenographic and General Secretarial	
Urban and Regional Planners		Economics Geography Government/Political Science Sociology Other Social Science Public Administration/Affairs Architecture Civil Engineering Industrial Engineering
Ushers, Recreation, Amusement	Recreational Aide	
Veterinarians		Veterinary Medicine
Vocational Education Counselors	Service for the Deaf	Spanish Psychology Sociology Religion/Theology Other Teacher Education Secondary Education Education: Guidance and Counseling Home Economics-Home and Family Life Social Services/Social Work
Welders and Flame Cutters	Machine Shop Auto Body Repair Diesel Mechanics	
Welfare Service Aides		Social Services/Social Work Psychology Sociology
Writers, Artists and Entertainers, N.E.C.	Commercial Art Instructional Media	Anthropology English Spanish Journalism/Communications Philosophy Speech Other Foreign Languages Other Social Science Religion/Theology Other Liberal Arts Astronomy Biology Botany Chemistry Physics Art Drama Music Business Administration Advertising